

Full-Length

# TBC1D5 (Human) Recombinant Protein (P01)

Catalog # H00009779-P01

Size 50 ug

## Specification

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Human TBC1D5 full-length ORF ( ADZ15960.1, 1 a.a. - 795 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence                      | <p>MYHSLSETRHPLQPEEQEVGIDPLSSYSNKS GGDSNKNGRRTSSTLDSEGTFN SYRKEWEELFV</p> <p>NNNYLATIRQKGINGQLRSSRFRSICWKLFLCVLPQDKSQWISRIEELRAWYSNIKEIHITNPRKVVG</p> <p>QQDLMINNPLSQDEGSLWNKFFQDKELRSMIEQDVKRTFPEMQFFQQENVRKILTDVLF CYAREN</p> <p>EQLLYKQGMHELLAPMFVLHCDHQAFLHASESAQPSEEMKTVLNPEYLEHDAYAVFSQLMETAE</p> <p>PWFSTFEHDGQKGKETLMTPIPFARPQDLGPTIAVTKVNQIQDHLLKKHDIELYMHLNRLEIAPQIY</p> <p>GLRWVRLLFGRFPLQDLLVVDALFADGLSLGLVDYIFVAMLLYIRDALISSNYQTCLGLLMHYPF</p> <p>IGDVHSLILKALFLRDPKRNPVPVYQFHPNLDYYKARGADLMNKSRTNAKGAPLNINKVSN SLINF</p> <p>GRKLISPAMAPGSAGGPVPGGNSSSSSSSVVIPTRTSAEAPSHHLQQQQQQQRLMKSESMPVQL</p> <p>NKGLSSKNISSSPSVESLPGGREFTGSPSSATKKDSFFSNISRSRSHSKTMGRKESEEELEAQI</p> <p>SFLQGQLNDLDAMCKYCAKVM DTHLVNIQDVILQENLEKEDQILVSLAGLKQIKDILKGSLRFNQSQ</p> <p>LEAEENEQITIADNHYCSSGQGQGRGQGQSVQMSGAIKQASSETPGCTDRGNSDDFILSKDDDG</p> <p>SSARGSFSGQAQPLRTLRTSTSGKSQAPVCSPLVFS DPLMGPASASSSNPSSSPDDDDSSKDSG</p> <p>FTVSPLDI</p> |
| Host                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Theoretical MW (kDa)          | 87.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Interspecies Antigen Sequence | Mouse (84); Rat (86)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation Method            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purification                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage Buffer                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Storage Instruction           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Note                          | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — TBC1D5

|                     |                              |
|---------------------|------------------------------|
| Entrez GeneID       | <a href="#">9779</a>         |
| GeneBank Accession# | <a href="#">JF432743.1</a>   |
| Protein Accession#  | <a href="#">ADZ15960.1</a>   |
| Gene Name           | TBC1D5                       |
| Gene Alias          | KIAA0210                     |
| Gene Description    | TBC1 domain family, member 5 |
| Gene Ontology       | <a href="#">Hyperlink</a>    |
| Gene Summary        | O                            |
| Other Designations  | -                            |

## Disease

- [Tobacco Use Disorder](#)