

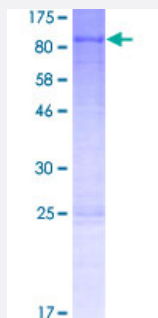
Full-Length

## ZBED5 (Human) Recombinant Protein (P01)

Catalog # H00058486-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human ZBED5 full-length ORF ( AAH38508.1, 1 a.a. - 693 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MIAPILCILSYNFNTFAILNVYSKLTMFCTTNSLPMDLLLKQGSCLKQEVESFCYQM/SESNDQKVGILQ  
SEDKQLQPSVSKKSEGELSRVKFISNSNKITFSKKPKRRKYDESYLSFGFTYFGNRDAPHAQCVL  
CKKILSNSSLAPSKLRRHLETKHAAVKDKDISFFKQHLDSPENNKPTPKIVNTDNESATEASYNV  
SYHIALSGEHTIGELLKPCAKDVVMRMFDEQYSKKIDAVQLSNSTVARRIKDLAADIEEELVCRLK  
ICDGFSLQLDESADVSGLAVLLVFVRYRFNKSIEEDLLLCESLQSNATGEEIFNCINSFMQKHEIEW  
EKCVDVCSASRAVDGKIAEAVTLIKYAPESTSSHCLLYRHALAVKIMPTSLKNVLDQAVQIINYIK  
ARPHQSRLLKILCEEMGAQHTALLNTEVRWLSRGKVLVRLFELRRELLVFMDSAFRLSDCLTNS  
SWLLRLAYLADIFTKLNEVNLSMQGKNVTFTVFDKMSSLLRKLEFWASSVEEENFDCFPTLSDF  
LTEINSTVDKDICSQVHLRGLRATLLKYFPVTNDNNAWVRNPFTVTVKPASLVARDYESLIDLTS  
DSQVKQNFSELSLNDFWSSLIQEYPSIARRAVRVLLPFATMHLCEFGFSYAAATKTKYRKRLDAAP  
HMRIRLSNITPNIKRICDKKTQKHCSH

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

105.3

#### Interspecies Antigen Sequence

Mouse (35); Rat (38)

#### Preparation Method

[in vitro wheat germ expression system](#)

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Purification            | Glutathione Sepharose 4 Fast Flow                                        |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue.                              |
| 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 — ZBED5

|                     |                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">58486</a>                                                                                                                                                                                                                                                                                                                                                                                         |
| GeneBank Accession# | <a href="#">BC038508.1</a>                                                                                                                                                                                                                                                                                                                                                                                    |
| Protein Accession#  | <a href="#">AAH38508.1</a>                                                                                                                                                                                                                                                                                                                                                                                    |
| Gene Name           | ZBED5                                                                                                                                                                                                                                                                                                                                                                                                         |
| Gene Alias          | FLJ41239                                                                                                                                                                                                                                                                                                                                                                                                      |
| Gene Description    | zinc finger, BED-type containing 5                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                                     |
| Gene Summary        | This gene is unusual in that its coding sequence is mostly derived from Charlie-like DNA transposon; however, it does not appear to be an active DNA transposon as it is not flanked by terminal inverted repeats. The encoded protein is conserved among the mammalian Laurasiatheria branch. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq] |
| Other Designations  | transposon-derived Buster1 transposase-like                                                                                                                                                                                                                                                                                                                                                                   |

## Disease

- [Tobacco Use Disorder](#)