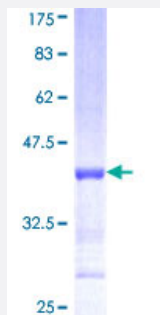


# NTF5 (Human) Recombinant Protein (Q01)

Catalog # H00004909-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                          |
|--------------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human NTF5 partial ORF ( NP_006170, 111 a.a. - 209 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | VDLRGREVEVLGEVPAAGGSPLRQYFFETRCKADNAEEGGPGAGGGGCRGVDRRHWWSECK<br>AKQSYVRALTADAQGRVGWRWIRIDTACVCTLLSRTGR  |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                    |
| <b>Theoretical MW (kDa)</b>    | 36.63                                                                                                    |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>                                                    |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow                                                                        |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                              |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                 |
| <b>Storage Instruction</b>     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                          |
| <b>Note</b>                    | 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 — NTF4

Entrez GeneID [4909](#)

GeneBank Accession# [NM\\_006179](#)

Protein Accession# [NP\\_006170](#)

Gene Name NTF4

Gene Alias NT-4/5, NT4, NT5, NTF5

Gene Description neurotrophin 4

Omim ID [162662](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene is a member of a family of neurotrophic factors, neurotrophins, that control survival and differentiation of mammalian neurons. The expression of this gene is ubiquitous and less influenced by environmental signals. While knock-outs of other neurotrophins including nerve growth factor, brain-derived neurotrophic factor, and neurotrophin 3 prove lethal during early postnatal development, NTF5-deficient mice only show minor cellular deficits and develop normally to adulthood. [provided by RefSeq]

**Other Designations** neurotrophic factor 4|neurotrophic factor 5|neurotrophin 5|neurotrophin 5 (neurotrophin 4/5)

## Pathway

- [MAPK signaling pathway](#)
- [Neurotrophin signaling pathway](#)

## Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Mental Disorders](#)
- [Social Perception](#)