

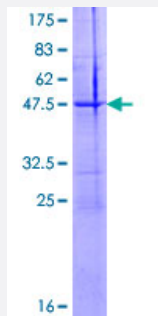
Full-Length

NTF5 (Human) Recombinant Protein (P02)

Catalog # H00004909-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NTF5 full-length ORF (NP_006170.1, 1 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLPLPSCSLPILLFLLPSVPIESQPPSTLPPFLAPEWDLLSPRVVLSRGAPAGPPLLFLLEAGA
FRESAGAPANRSRRGVSETAPASRRGELAVSGWVTDRTAVDLRGREVEVLGEVPAAG
GSPLRQYFFETRCKADNAEEGGPGAGGGGCRGVDRRHVVSECKAKQSYVRALTADAQGRVG
WRWIRIDTACVCTLLSRTGRA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

48.8

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 — NTF4

Entrez GeneID [4909](#)

GeneBank Accession# [NM_006179.3](#)

Protein Accession# [NP_006170.1](#)

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](#)