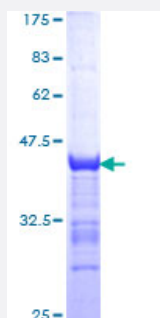


NTF3 (Human) Recombinant Protein (Q01)

Catalog # H00004908-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NTF3 partial ORF (NP_002518, 19 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NNMDQRSLPEDSLNSLIKLIQADILKNKLSKQMVDVKENYQSTLPKAEAPREPERGGPAKSAFQPV VIAMDTELLRQRRYNSPRVLLSDSTPLEPPPLYLMEDYVGSPV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (91); Rat (92)
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 — NTF3

Entrez GeneID [4908](#)

GeneBank Accession# [NM_002527](#)

Protein Accession# [NP_002518](#)

Gene Name NTF3

Gene Alias HDNF, MGC129711, NGF-2, NGF2, NT3

Gene Description neurotrophin 3

Omim ID [162660](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the neurotrophin family, that controls survival and differentiation of mammalian neurons. This protein is closely related to both nerve growth factor and brain-derived neurotrophic factor. It may be involved in the maintenance of the adult nervous system, and may affect development of neurons in the embryo when it is expressed in human placenta. NTF3-deficient mice generated by gene targeting display severe movement defects of the limbs. The mature peptide of this protein is identical in all mammals examined including human, pig, rat and mouse. [provided by RefSeq]

Other Designations -

Pathway

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

Disease

- [Asperger Syndrome](#)
- [Attention](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)