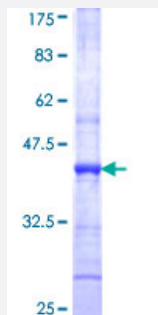


NTRK3 (Human) Recombinant Protein (Q01)

Catalog # H00004916-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NTRK3 partial ORF (AAH13693, 41 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TEINCRRPDDGNLFPLLEGQDSGNSNGNASINITDISRNITSIHIENWRS�HTLNAVDMELYTGLQKLT IKNSGLRSIQPRAFAKNPHLRYINLSSNRLTTLWQLFQTLSLRELQLEQN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.83
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 — NTRK3

Entrez GeneID [4916](#)

GeneBank Accession# [BC013693](#)

Protein Accession# [AAH13693](#)

Gene Name NTRK3

Gene Alias TRKC, gp145(trkC)

Gene Description neurotrophic tyrosine kinase, receptor, type 3

Omim ID [191316](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. [provided by RefSeq]

Other Designations ETS related protein-neurotrophic receptor tyrosine kinase fusion protein|ETV6-NTRK3 fusion|NT-3 growth factor receptor|OTTHUMP00000192915|neurotrophin 3 receptor|tyrosine kinase receptor C

Pathway

- [Neurotrophin signaling pathway](#)

Disease

- [Anxiety Disorders](#)
- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Eating Disorders](#)
- [Genetic Predisposition to Disease](#)
- [Hirschsprung Disease](#)
- [Hypertension](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Neuropsychological Tests](#)
- [Obsessive-Compulsive Disorder](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Panic Disorder](#)
- [Pattern Recognition](#)
- [Recognition \(Psychology\)](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)