

Recombinant Mouse Ntrk3 Protein, His-tagged

Cat. No. Ntrk3-035M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse TrkC, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Mouse
Source	Insect cells
Description	Receptor tyrosine kinase involved in nervous system and probably heart development. Upon binding of its ligand NTF3/neurotrophin-3, NTRK3 autophosphorylates and activates different signaling pathways, including the phosphatidylinositol 3-kinase/AKT and the MAPK pathways, that control cell survival and differentiation.
Form	Liquid
Molecular Mass	45.4 kDa
AA Sequence	CPANCVCSKTEINCRPPDDGNLFPLLEGQDSGNSNGNASINITDISRNITSIHIENWR GLHTLNAVDMELYTGLQKLTIKNSGLRNIQPRAFKNPHLRYINLSSNRLTTLWQLF QTLSLRELRLQNFNCSCDIRWMQLWQEQGEARLDSQSLYCISADGSQPLFRMN ISQCDLPEISVSHVNLTVREGDNAVITCNGSGSPLPDVDWIVTGLQSIINTHQTNLNWT NVHAINLTLVNVTSEDNGFTLTCAENVVGMSNASVALTVYYPPRVVSLVEPEVRLEH CIEFVVRGNPTPTLHWLYNGQPLRESKIIHMDYYQEGEVSEGCLLFNKPPTHYNNNGNY TLIAKNALGTANQTINGHFLKEPFPESTDFDFESDASPTPPITVTHKPEEDT

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Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -114 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

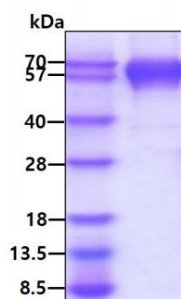
GENE INFORMATION

Gene Name	Ntrk3 neurotrophic tyrosine kinase, receptor, type 3 [Mus musculus (house mouse)]
Official Symbol	Ntrk3
Synonyms	Ntrk3; neurotrophic tyrosine kinase, receptor, type 3; Trk; TrkC; AW125844; Ntrk3_tv3; NT-3 growth factor receptor; GP145-TrkC; neurotrophin-3; trk-C; trkC tyrosine kinase; EC 2.7.10.1
Gene ID	18213
mRNA Refseq	NM_008746
Protein Refseq	NP_032772
UniProt ID	Q6VNS1

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SDS-PAGE

3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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