

Recombinant Mouse Ntrk3 Protein, Myc/DDK-tagged

Cat. No. Ntrk3-4524M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length neurotrophic tyrosine kinase, receptor, type 3 (Ntrk3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	93.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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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; NT-3 growth factor receptor; trk-C; GP145-TrkC; neurotrophin-3; trkC tyrosine kinase; TrkC; AW125844; Ntrk3_tv3
Gene ID	18213
mRNA Refseq	NM_008746
Protein Refseq	NP_032772
UniProt ID	Q6VNS1

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