

Recombinant Mouse Ntrk3 protein(Met1-Thr429), His-tagged

Cat. No. Ntrk3-625M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TrkC (NP_032772.3) (Met 1-Thr 429) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-429 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Immobilized mouse NTRK3-His at 10 µg/ml (100 µl/well) can bind biotinylated human NT3, The EC50 of biotinylated human NT3 is 0.04-0.08 µg/ml.
Molecular Mass	The secreted recombinant mouse TrkC comprises 409 amino acids and has a calculated molecular mass of 46.1 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 100-110 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Ntrk3 neurotrophic tyrosine kinase, receptor, type 3 \[Mus musculus \]](#)

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](#)

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