

Active Recombinant Human NTRK2 protein, Fc-tagged

Cat. No. NTRK2-0749H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NTRK2 protein(AAH31835)(Cys 32 - His 430), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	32-430 aa
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human BDNF, premium grade at 2 µg/mL (100 µL/well) can bind Human TrkB, Fc Tag with a linear range of 1-20 ng/mL.
Molecular Mass	The protein has a calculated MW of 70.4 kDa. The protein migrates as 86-116 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method / rFC method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile

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conditions after reconstitution.

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

NTRK2 neurotrophic tyrosine kinase, receptor, type 2 [Homo sapiens]

Official Symbol

NTRK2

Synonyms

NTRK2; neurotrophic tyrosine kinase, receptor, type 2; BDNF/NT-3 growth factors receptor; TRKB; trkB tyrosine kinase; tyrosine kinase receptor B; tropomyosin-related kinase B; BDNF-tropomyosine receptor kinase B; trk-B; GP145-TrkB;

Gene ID

4915

mRNA Refseq

NM_001007097

Protein Refseq

NP_001007098

MIM

600456

UniProt ID

Q16620

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