

Recombinant Human NTRK2 protein, Fc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NTRK2 protein(Cys32-His430), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	32-430 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.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.
Proteinlength	Cys32-His430
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>98% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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