Active Recombinant Human NTRK2, Fc-His-tagged

Cat. No. NTRK2-158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NTRK2(Met 1-His 430)(NP_001007098.1) was expressed in Human Cells, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the carboxy-terminus.
Species	Human
Source	Human Cells
ProteinLength	1-430 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind mouse BDNF in functional ELISA.
Molecular Mass	The recombinant human TrkB/Fc is a disulfide-linked homodimer. The reduced monomer consists of 646 amino acids and has a predicted molecular mass of 72 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhTrkB/Fc monomer is approximately 110-120 kDa due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

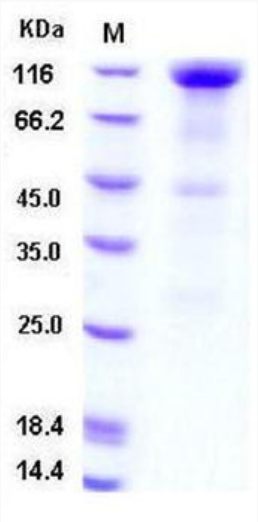
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	thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	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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SDS-PAGE	

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