

Active Recombinant Human NTRK3 protein, His&hFc-tagged

Cat. No. NTRK3-159H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human NTRK3 protein(Met1-Asp428)(NP_001007157.1) was expressed in Human Cells, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.
Species	Human
Source	Human Cells
ProteinLength	1-428 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Immobilized human TrkC-Fc at 10 µg/ml (100 µl/well) can bind biotinylated human NT3, The EC50 of biotinylated human NT3 is 23.4-54.6 ng/ml.
Molecular Mass	The recombinant human TrkC/Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. It consists of 644 amino acids and has a calculated molecular mass of 72.5 kDa. As a result of glycosylation, rh TrkC/Fc monomer migrates as an approximately 110-120 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 98 % as determined by SDS-PAGE

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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-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 [Homo sapiens]

Official Symbol NTRK3

Synonyms NTRK3; neurotrophic tyrosine kinase, receptor, type 3; NT-3 growth factor receptor; TRKC; GP145-TrkC; ETV6-NTRK3 fusion; tyrosine kinase receptor C; ETS related protein-neurotrophic receptor tyrosine kinase fusion protein; gp145(trkC);

Gene ID 4916

mRNA Refseq NM_001007156

Protein Refseq NP_001007157

MIM 191316

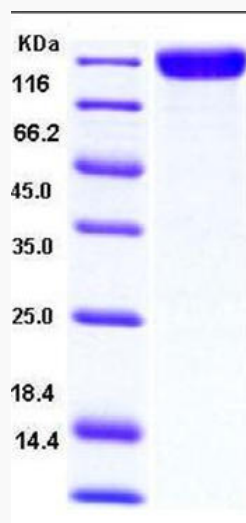
UniProt ID Q16288

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SDS-PAGE



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