

Active Recombinant Human NTRK3 protein, hFc&His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NTRK3 protein(Cys32-Asp428), fused with C-terminal hFc and His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	32-428 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human NTF3 at 2 µg/mL (100 µL/well) can bind Recombinant human TrkC with a linear range of 22-90 ng/mL.
Molecular Mass	71.41 kDa
Endotoxin	< 1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

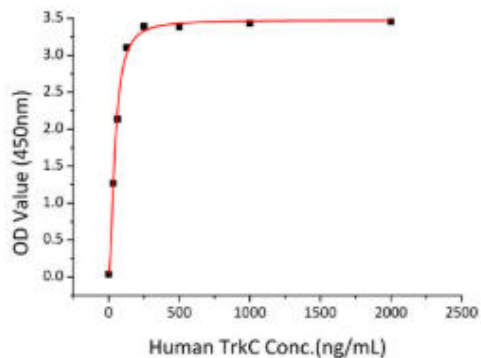
UniProt ID [Q16288](#)

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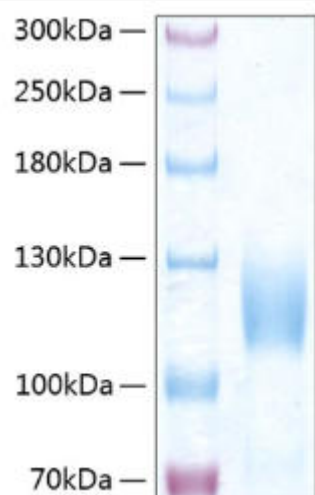
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Activity



SDS-PAGE



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