

## Active Recombinant Human NTRK3 protein, His-tagged

Cat. No. NTRK3-160H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human NTRK3 protein(Met 1-Asp 428)(NP_001007157.1) was expressed in Human Cells with a C-terminal polyhistide tag.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-428 aa
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4.
<b>Bio-activity</b>	Immobilized human Trkc-His at 10 µg/ml (100 µl/well) can bind biotinylated human NT3, The EC50 of biotinylated human NT3 is 0.03-0.07 µg/ml.
<b>Molecular Mass</b>	The recombinant human TrkC consists of 408 amino acids and has a calculated molecular mass of 46.1 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 80-90 kDa protein in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	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** 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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