

# Recombinant Human NTRK3 Protein, Fc/His-tagged, FITC conjugated

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

## SPECIFICATION

**Product Overview**      FITC conjugated recombinant human NTRK3 extracellular domain (Met 1-Asp 427) (NP\_001007157.1), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**                      Human

**Source**                        HEK293

**ProteinLength**              644

**Form**                          Lyophilized

**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/ µg of the protein as determined by the LAL method.

**Characteristic**              Disulfide-linked homodimer  
Labeled with FITC via amines  
Excitation source: 488 nm spectral line, argon-ion laser  
Excitation Wavelength: 488 nm

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	Emission Wavelength: 535 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	NTRK3 neurotrophic tyrosine kinase, receptor, type 3 [ Homo sapiens ]
<b>Official Symbol</b>	NTRK3
<b>Gene ID</b>	4916
<b>mRNA Refseq</b>	NM_001007156
<b>Protein Refseq</b>	NP_001007157
<b>MIM</b>	191316
<b>UniProt ID</b>	Q16288

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