

# Recombinant Human NTRK3 Protein, Fc/His-tagged, Alexa Fluor 488 conjugated

**Cat. No.** NTRK3-159HAF488    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 488 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 Alexa Fluor 488 via amines  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 515-545 nm

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|                       |   |
|-----------------------|---|
| <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>    | Alexa Fluor 488   |

## 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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