

# Recombinant Human NTRK3 Protein, Fc/His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** NTRK3-159HAF647    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 647 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 647 via amines  
Excitation = 650 nm  
Emission = 668 nm

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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 647

## 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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