

# Recombinant Human NTRK1 Protein, His-tagged, Alexa Fluor 647 conjugated

**Cat. No.** NTRK1-977HAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant human NTRK1 (NP_002520.2) amino acid sequence (Pro 194-Glu 413) corresponding to the Ig-like C2-type 1 & 2 domains, fused with a N-terminal polyhistidine tag, was produced in Human Cell.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	239
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human NTRK1 Ig-like C2-type 1 & 2 domains (aa 194-413) consists of 239 amino acids and has a predicted molecular mass of 26 kDa. As a result of glycosylation, it migrates as an approximately 45-50 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 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 647

## GENE INFORMATION

<b>Gene Name</b>	NTRK1 neurotrophic tyrosine kinase, receptor, type 1 [ Homo sapiens ]
<b>Official Symbol</b>	NTRK1
<b>Gene ID</b>	4914
<b>mRNA Refseq</b>	NM_001007792
<b>Protein Refseq</b>	NP_001007793
<b>MIM</b>	191315
<b>UniProt ID</b>	P04629

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