Recombinant Human NTRK1 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. NTRK1-977HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 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.
Species	Human
Source	HEK293
ProteinLength	239
Form	Lyophilized
Molecular Mass	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.
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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	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.
Conjugation	Alexa Fluor 488

GENE INFORMATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA