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

Cat. No. NTRK1-973HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human NTRK1 (NP_002520.2) amino acid sequence (Pro 285-Glu 413) corresponding to the Ig-like C2-type 2 domain, fused with a N-terminal polyhistidine tag, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	136
Form	Lyophilized
Molecular Mass	The recombinant human NTRK1 Ig-like C2-type 2 domain (aa 285-413) consists of 136 amino acids and has a predicted molecular mass of 15.1 kDa. It migrates as an approximately 16 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
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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

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 50 mM Tirs, 200 mM NaCl, pH 8.0
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

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