

# Recombinant Rat Ntrk2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. Ntrk2-7471RAF488 Lot. No. (See product label)

## SPECIFICATION

**Product Overview** Alexa Fluor 488 conjugated recombinant Rat Ntrk2 (NP\_036863) (Met1-His429), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species** Rat

**Source** HEK293

**ProteinLength** 639

**Form** Lyophilized

**Molecular Mass** The recombinant Rat NTRK2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 639 amino acids and has a predicted molecular mass of 71.5 kDa. The apparent molecular mass of the protein is approximately 120 kDa 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 a 0.2 µm filtered solution of 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>	Ntrk2 neurotrophic tyrosine kinase, receptor, type 2 [ Rattus norvegicus ]
<b>Official Symbol</b>	Ntrk2
<b>Gene ID</b>	25054
<b>mRNA Refseq</b>	NM_001163168
<b>Protein Refseq</b>	NP_001156640

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