

# Recombinant Rat Ntrk2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

**Cat. No.** Ntrk2-7471RAF555    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 555 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 555 via amines  
With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

 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 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 555

## 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

 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