

Recombinant Rat Ntrk1 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Ntrk1-44RAF555 **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------------------|---|
| Product Overview | Alexa Fluor 555 conjugated recombinant Rat Ntrk1 (P35739) (Met1-Pro418), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | 627 |
| Form | Lyophilized |
| Molecular Mass | The recombinant rat NTRK1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 627 amino acids and has a predicted molecular mass of 69.2 kDa. The apparent molecular mass of the protein is approximately 92-102 kDa in SDS-PAGE under reducing c |
| N-terminal Sequence Analysis | Ala 33 |
| Endotoxin | < 1.0 EU/ µg of the protein as determined by the LAL method. |
| Purity | > 95 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer |

 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

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.

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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.

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 555

GENE INFORMATION

Gene Name [Ntrk1 neurotrophic tyrosine kinase, receptor, type 1 \[Rattus norvegicus \]](#)

Official Symbol [Ntrk1](#)

Gene ID [59109](#)

mRNA Refseq [NM_021589](#)

Protein Refseq [NP_067600](#)

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