

Recombinant Rat Ntrk2 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Ntrk2-7471RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 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 647 via amines
Excitation = 650 nm
Emission = 668 nm

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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 a 0.2 µm filtered solution of 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 647

GENE INFORMATION

Gene Name	Ntrk2 neurotrophic tyrosine kinase, receptor, type 2 [Rattus norvegicus]
Official Symbol	Ntrk2
Gene ID	25054
mRNA Refseq	NM_001163168
Protein Refseq	NP_001156640

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