Recombinant Mouse Ntrk1 Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. NTRK1-415MAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Mouse Ntrk1 (Met1-Gly420), fused with a C-terminal polyhistidine tag, was produced in Human Cells.
Species	Mouse
Source	HEK293
ProteinLength	398
Form	Lyophilized
Molecular Mass	The recombinant mouse NTRK1 comprises 398 amino acids and has a predicted molecular mass of 43.7 kDa. The apparent molecular mass of the protein is approximately 69 kDa in SDS-PAGE under reducing conditions due to glycosylation.
N-terminal Sequence Analysis	Ala 34
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 Labeled with Alexa Fluor 555 via amines

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	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 [Mus musculus]
Official Symbol	Ntrk1
Gene ID	18211
mRNA Refseq	NM_001033124
Protein Refseq	NP_001028296

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