

Recombinant Canine NTRK1 Protein, His-tagged, Alexa Fluor 647 conjugated

Cat. No. NTRK1-295CAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Canine NTRK1 (XP_851619.3) (Pro285-Lys410), fused with a N-terminal polyhistidine tag, was produced in Human Cells.
Species	Dog
Source	HEK293
ProteinLength	146
Form	Lyophilized
Molecular Mass	The recombinant canine NTRK1 comprises 146 amino acids and has a predicted molecular mass of 16.2 kDa. The apparent molecular mass of the protein is approximately 27-33 kDa in SDS-PAGE under reducing conditions due to glycosylation.
N-terminal Sequence Analysis	His
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

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	Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
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 647

GENE INFORMATION

Gene Name	NTRK1neurotrophic tyrosine kinase, receptor, type 1 [centigrade anis lupus familiaris(dog)]
Official Symbol	NTRK1
Gene ID	490404
mRNA Refseq	XM_547525
Protein Refseq	XP_547525

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