

## Recombinant Canine NTRK1, Fc tagged

Cat. No. NTRK1-296C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Canine NTRK1 (XP_851619.3) (Pro285-Lys410), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells.
<b>Species</b>	Canine
<b>Source</b>	Human Cells
<b>ProteinLength</b>	285-410 a.a.
<b>Predicted N Terminal</b>	Glu
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant canine NTRK1/Fc is a disulfide-linked homodimer. The reduced monomer comprises 386 amino acids and has a predicted molecular mass of 42.3 kDa. The apparent molecular mass of the protein is approximately 55-61 kDa in SDS-PAGE under reducing
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage** Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [NTRK1?neurotrophic tyrosine kinase, receptor, type 1 \[?Canis lupus familiaris?\(dog\) \]](#)

**Official Symbol** NTRK1

**Gene ID** [490404](#)

**mRNA Refseq** [XM\\_547525](#)

**Protein Refseq** [XP\\_547525](#)

**Chromosome Location** 7

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