

Recombinant Canine NTRK1, Fc tagged

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

SPECIFICATION

Product Overview	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.
Species	Canine
Source	Human Cells
ProteinLength	285-410 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	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
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

 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

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

 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