

Active Recombinant Canine NTRK1, His tagged

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

SPECIFICATION

Product Overview	Recombinant Canine NTRK1 (XP_851619.3) (Pro285-Lys410), fused with a N-terminal polyhistidine tag, was produced in Human Cells.
Species	Canine
Source	HEK293
ProteinLength	Pro285-Lys410
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Measured by its ability to inhibit NGF-induced proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.4-1.6 µg/mL in the presence of 10 ng/mL of recombinant human NGF.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

 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

Store it under sterile conditions at -20°C to -80°C. 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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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