Active Recombinant Canine NTRK2 protein, His-tagged

Cat. No. NTRK2-1091C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine NTRK2 protein(XP_541264.2)(Met1-His430), fused with His tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	Met1-His430
Form	Lyophilized from sterile PBS, PH 7.4.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its binding ability in a functional ELISA.Immobilized canine NTRK-His at 10 μg/ml (100 μl/well) can bind biotinylated mouse BDNF, The EC50 of biotinylated mouse BDNF is 0.07-0.17 μg/ml.
Molecular Mass	The recombinant canine NTRK comprises 410 amino acids and has a predicted molecular mass of 45.6 kDa. The apparent molecular mass of the protein is approximately 66-76 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

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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 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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