

Recombinant Canine NTRK2 Protein, Fc-tagged

Cat. No. NTRK2-1041C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine NTRK2 (XP_541264.2) (Met1-His430) was expressed with the Fc region of human IgG1 at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	1-430 a.a.
Predicted N Terminal	Cys 32
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant canine NTRK2 consists 640 amino acids and predicts a molecular mass of 71.2 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name NTRK2 neurotrophic tyrosine kinase, receptor, type 2 [*Canis lupus familiaris*]

Official Symbol NTRK2

Synonyms neurotrophic tyrosine kinase receptor type 2

Gene ID 484147

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 1

Pathway Alcoholism, organism-specific biosystem; MAPK signaling pathway, organism-specific biosystem; Neurotrophin signaling pathway, conserved biosystem

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