

Active Recombinant Rabbit NTRK1 protein, His-tagged

Cat. No. NTRK1-509R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit NTRK1 protein(XP_008262512.1)(Ala33-Glu414), fused with His tag, was expressed in HEK293.
Species	Rabbit
Source	HEK293
ProteinLength	33-414 a.a.
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 ability to inhibit NGF-induced proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is typically 0.2-0.8 µg/ml in the presence of 10 ng/mL of Recombinant human NGF.
Molecular Mass	The recombinant rabbit NTRK1 consists of 393 amino acids and predicts a molecular mass of 43.4 kDa.
Proteinlength	Ala33-Glu414
Endotoxin	< 1.0 EU per µg 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.

GENE INFORMATION

Gene Name	NTRK1 neurotrophic tyrosine kinase, receptor, type 1 [<i>Oryctolagus cuniculus</i>]
Official Symbol	NTRK1
Synonyms	NTRK1; neurotrophic tyrosine kinase, receptor, type 1;
Gene ID	100354292

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