

Active Recombinant Human NTRK1 protein, His-tagged, Low Endotoxin

Cat. No. NTRK1-495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTRK1 protein(P04629-1)(33-417 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	33-417 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human Beta-NGF, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human TrkA, His Tag with the EC50 of 0.21µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 43.00 kDa. Due to glycosylation, the protein migrates to 70-100 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [NTRK1 neurotrophic tyrosine kinase, receptor, type 1 \[Homo sapiens \]](#)

Official Symbol [NTRK1](#)

Synonyms NTRK1; neurotrophic tyrosine kinase, receptor, type 1; high affinity nerve growth factor receptor; MTC; TRK; TRKA; gp140trk; Oncogene TRK; tyrosine kinase receptor A; tropomyosin-related kinase A; TRK1-transforming tyrosine kinase protein; TRK1; Trk-A; p140-TrkA; DKFZp781l14186;

Gene ID [4914](#)

mRNA Refseq [NM_001007792](#)

Protein Refseq [NP_001007793](#)

MIM [191315](#)

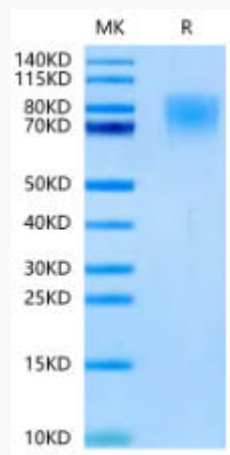
UniProt ID [P04629](#)

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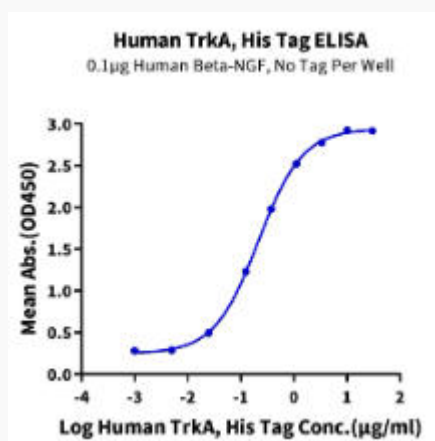
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Bis-Tris PAGE



ELISA Data



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