

Active Recombinant Rat Ntrk1 protein(Met1-Pro418), His-tagged

Cat. No. Ntrk1-45R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ntrk1 protein(NP_067600.1)(Met1-Pro418), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Pro418
similar	Ntrk1
Alias	NTRK1; neurotrophic tyrosine kinase, receptor, type 1; high affinity nerve growth factor receptor; trk; trk-A; p140-TrkA; TrkA neurotrophin receptor; trkA proto-oncogene receptor; tropomyosin-related kinase A; slow nerve growth factor receptor; Trk;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant rat NTRK1 comprises 397 amino acids and predicts a molecular

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	mass of 43.7 kDa. The apparent molecular mass of the recombinant protein is approximately 67-77 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. 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.
GeneName	Ntrk1 neurotrophic tyrosine kinase, receptor, type 1 [Rattus norvegicus]
GeneNameWeblink	59109
OfficialSymbol	Ntrk1
OfficialSymbolWeblink	59109
GeneID	59109
GeneIDWeblink	59109
mRNARefseq	NM_021589
mRNARefseqWeblink	NM_021589.1

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ProteinRefseqWeblink	NP_067600.1
MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	NTRK1; neurotrophic tyrosine kinase, receptor, type 1; high affinity nerve growth factor receptor; trk; trk-A; p140-TrkA; TrkA neurotrophin receptor; trkA proto-oncogene receptor; tropomyosin-related kinase A; slow nerve growth factor receptor; Trk;
MIM	

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