

Recombinant Human NTRK2 protein, His-tagged

Cat. No. NTRK2-3889H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTRK2 protein(41-433 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	41-433 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	SRIWCSDPSPGIVAFPRLEPNSVDPENITEIFIANQKRLEIINEDDVEAYVGLRNLTIVD SGLKFVAHKAFKNSNLQHINFTRNKLTSLSRKHFRHLDLSELILVGNPFTCSCDIMWI KTLQEAKSSPDTQDLYCLNESSKNIPLANLQIPNCGLPSANLAAPNLTVEEGKSITLS CSVAGDPVPMYWDVGNLVS KHMNETSHTQGSLRITNISSDDSGKQISCVAENLVG EDQDSVNLTVHFAPTITFLESPTS DHHWCIPFTVKGNPKPALQWFYNGAILNESKYIC TKIHVTNHTEYHGCLQLDNPTHMNGDYTLIAKNEYGKDEKQISAHFMGWPGIDDG ANPNYPDVIYEDYGTAANDIGDTTNRSNEIPSTDVTDKGTGREHLSV
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION**Gene Name**

NTRK2 neurotrophic tyrosine kinase, receptor, type 2 [Homo sapiens]

Official Symbol

NTRK2

Synonyms

NTRK2; neurotrophic tyrosine kinase, receptor, type 2; BDNF/NT-3 growth factors receptor; TRKB; trkB tyrosine kinase; tyrosine kinase receptor B; tropomyosin-related kinase B; BDNF-tropomyosine receptor kinase B; trk-B; GP145-TrkB;

Gene ID

4915

mRNA Refseq

NM_001007097

Protein Refseq

NP_001007098

MIM

600456

UniProt ID

Q16620

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