

Recombinant Human NTRK1 protein, His-tagged

Cat. No. NTRK1-3080H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NTRK1 protein(80-277 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	80-277 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	MQHLELRDLRGLGELRNLTIVKSGLRVAPDAFHFTPRLSRLNLSFNALSLSWKTV QGLSLQELVLSGNPLHCSCALRWLQRWEEEGGGVPEQKLQCHGQGPLAHMPNA SCGVPTLKVQVPNASVDVGDDVLLRCQVEGRGLEQAGWILTELEQSATVMKSGGL PSLGLTLANVTSDLNRKNVTCWAENDVGRAEVS
Purity	85%, 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 containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 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; DKFZp781114186;

Gene ID 4914

mRNA Refseq NM_001007792

Protein Refseq NP_001007793

MIM 191315

UniProt ID P04629

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