

Recombinant Full Length Human High Affinity Nerve Growth Factor Receptor(Ntrk1) Protein, His-Tagged

Cat. No. RFL27953HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human High affinity nerve growth factor receptor(NTRK1) Protein (P04629) (33-796aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length of Mature Protein (33-796)
Form	Lyophilized powder
AA Sequence	<p>AAPCPDACCPHGSSGLRCTR DGALDSLHHLPGAENL TELYIENQQHLQHLELRDLR GLGELRNLTIVKSGLR FVAPDAFHFTPRLSRLNLSFNAL ELSWKTVQGLSLQELVLS GNPLHCSCALRWLQRWEE EGLGGVPEQKLQCHGQG PLAHMPNASC GVPTLKVQV PNASVDVGDDVLLRCQVEGRGLEQAGWILTELEQSATVMKSGGLPSLGLTLANVTS DLNRKNVTCWAENDVGRAEVSQVNVSF PASVQLHTAVEMHHWCIPFSVDGQPAP SLRWLFNGSVLNETSFIFTEFLEPAANETVRHGCLRLNQPTHVNNGNYTLLAANPFG QASASIMAAFMDNPFEPEDPIPVSFSPVDTNSTSGDPVEKKDET PFGVSVAVGLA VFACLFLSTLLLVLNKCGR RNKFGINRPAVLAPEDGLAMSLHFMTLGGSSLSPTTEGK GSGLQGHIIENPQYFSDACVHHIKRRDIVLKWELGEGAFGKVFLAECHNLLPEQDKM LVAVKALKEASESARQDFQREAE LLTMLQHQHIVRFFGVCTEGRPLL MVFEYMRHG DLNRFLRSHGPD AKLLAGGEDVAPGPLGLGQLLAVASQVAAGMVYLAGLHFVHRDL ATRNCLVGQGLVVKIGDFGMSRDIYSTDYRVGGRTMLPIRWMPPE SILYRKFTTES</p>

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DVWSFGVVLWEIFTYGKQPWYQLSNTEAIDCITQGRELERPRACPPEVYAIMRGCW
QREPQQRHSIKDVHARLQALAQAPPVYLDVVG

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name NTRK1

Synonyms NTRK1; MTC; TRK; TRKA; High affinity nerve growth factor receptor; Neurotrophic tyrosine kinase receptor type 1; TRK1-transforming tyrosine kinase protein; Tropomyosin-related kinase A; Tyrosine kinase receptor; Tyrosine kinase receptor A; Trk-A; gp140trk

UniProt ID [P04629](https://www.uniprot.org/uniprot/P04629)

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