

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	AAPCPDACC PHGSSGLRCTRDGALDSLHHLPGAENLT ELYIENQQHLQHLELRDLR GLGELRNLTIVKSGLR FVAPDAFHFTPRLSRLNLSFNAL ESWKTVQGLSLQELVLS GNPLHCSCALRWLQRWEE EGLGGVPEQKLQCHGQG PLA HMPNASC GVPTLKVQV PNASVDVGDDVLLRCQVEGRGLEQAGWILTELEQ SATVMKSGGLPSLGLTLANVTS DLNRKNVTCWAENDV GRAEVSQVNVSF PASVQLHTAVEMHHWCIPFSVDGQPAP SLRWLFNGSVLNETSFIFTEFLEPAANETVRHGC LRLNQPTHVNNGNYTLLAANPFG QASASIMAAFMDNPF EFNPEDPIPVSFSPVD TNSTSGDPVEKKDET PFGVSVAVGLA VFACLFLSTLLLVLNKCGR RNKFGINRPAVLAPEDGLAMSLHFMTLGGSSLSPT EGK GSGLQGHIIENPQYFSDACVHHIKRRDIVL KWELGEGA FGKVFLAECHNLLPEQDKM LVAVKALKEASESARQDFQREAE LLTMLQHQHIVRFFGVCTEGRPLL MVFEYMRHG DLNRFLRSHGPDAKLLAGGEDVAPG PLGLGQLLAVASQVAAGMVYLAGLHFVHRDL ATRNCLVGQGLVVKIGDFGMSRDIYSTDYR VGGRTMLPIRWMPPE SilyRKFTTES

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	DVWSFGVVLWEIFTYGKQPWYQLSNTEAIDCITQGRELERPRACPPEVYAIMRGCW QREPQQRHSIKDVHARLQALAQAPPVYLDVLG
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

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