

Recombinant Full Length Mouse Bdnf/Nt-3 Growth Factors Receptor(Ntrk2) Protein, His-Tagged

Cat. No. RFL36710MF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse BDNF/NT-3 growth factors receptor(Ntrk2) Protein (P15209) (32-821aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mus musculus
Source	E.coli
ProteinLength	Full Length of Mature Protein (32-821)
Form	Lyophilized powder
AA Sequence	<p>CPTSCKCSSARIWCTEPSPGIVAFPRLEPNSVDPENITEILIANQKRLEIINEDDVEAYV GLRNLTIVDSGLKFVAYKAFLKNSNLRHINFTRNKLTSLSRHRFRHLDSLILITGNPF TCSCDIMWLKTLQETKSSPDTQDLYCLNESSKNMPLANLQIPNCGLPSARLAAPNLT VEEGKSVTLSCSVGGDPLPTLYWDVGNLVSKHMNETSHTQGSLRITNISSDDSGKQI SCVAENLVGEDQDSVNLTVHFAPTITFLESPTSDDHHWCIPFTVRGNPKPALQWFYN GAILNESKYICTKIHVTNHTEYHGCLQLDNPTHMNGDYTLMAKNEYGKDERQISAH FMGRPGVDYETNPNYPEVLYEDWTTPTDIGDTTNKSNEIPSTDVADQSNREHLSVY AVVVIASVVGFCLLVMLLLLKLARHSKFGMKGPASVISNDDDSASPLHHISNGSNTPS SSEGGPDAVIIGMTKIPVIENPQYFGITNSQLKPDFTVQHIAKRNIVLKLRELGEGAFGK VFLAECYNLCPEQDKILVAVKTLKDASDNARKDFHREAELLTNLQHEHIVKIFYGVCVE GDPLIMVFEYMKHGDNLKFLRAHGPDVAVLMAEGNPPELTQSQMLHIAQQAAGMV YLASQHFVHRDLATRNCLVGENLLVKIGDFGMSRDVYSTDYRVGGHTMLPIRWMP</p>

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PESIMYRKFTTESDVWSLGVVLWEIFTYGKQPWYQLSNNEVIECITQGRVLQRPRTC
PQEVYELMLGCWQREPHTRKNIKSIHTLLQNLAKASPVYLDILG

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 multiple 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 Ntrk2

Synonyms Ntrk2; Trkb; BDNF/NT-3 growth factors receptor; GP145-TrkB/GP95-TrkB; Trk-B; Neurotrophic tyrosine kinase receptor type 2; TrkB tyrosine kinase

UniProt ID [P15209](#)

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