

BDNF/NT-3 growth factors receptor, 32-429aa, Mouse, His tag, Insect cell

Cat.NO.: TP01320

3th Edition

Synonyms:Ntrk2, GP145-TrkB/GP95-TrkB, Tkrb, trk-B, trkB

Description:NTRK2, also known as BDNF/NT-3 growth factors receptor, is a member of the neurotrophic tyrosine receptor kinase family. This protein involves in the development and the maturation of the central and the peripheral nervous systems through regulation of neuron survival, proliferation, differentiation, and synapse formation and plasticity. Recombinant mouse NTRK2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:45.7kDa (409aa) 57-70KDa (SDS-PAGE under reducing conditions.)

Sequences:

CPTSCKCSSARIWCTEPSPGIVAFPRLEPNSVDPENITEILIANQKRLEIINEDDVEAYVGLRNLTIVDSGLKFBVAYKAF
LKNSNLRHINFTRNKLTSLRHRHFRHLDLSDLITGNPFTCSCDIMWLKTLQETKSSPDTQDLYCLNESSKNMPLANL
QIPNCGLP SARLAAPNLVVEEGKSVTLSCSVGGDPLPTLYWDVGNLVSKHMNETSHTQGSLRITNISSDDSGKQISC
VAENLVGEDQDSVNLTVHFAPTITFLESPTSDHHWCIPFTVRGNPKPALQWFYNGAILNESKYICTKIHVTNHTEYH
GCLQLDNPTHMNGDYTLMAKNEYGKDERQISAHFMGRPGVDYETNPNYPEVLYEDWTTPTDIGDTTNKSNEIPS
TDVADQSNREHAAALEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.