

## 32-6512: NTRK2 Mouse

**Alternative Name :** TrkB, NTRK2, NTRK-2, Tyrosine Kinase Receptor B, BDNF/NT-3 Growth Factors Receptor

### Description

Source: Sf9, Insect cells.

Sterile filtered colorless solution.

NTRK2 plays a role in the growth and the development of the central and the peripheral nervous systems using the regulation of neuron proliferation, migration, survival, differentiation, and synapse production. NTRK2 is a receptor for B-DNF and NT4. NTRK2 binds to neurotrophin-3 which regulates neuron survival through NTRK2. NTRK-2 activates numerous effectors such as SHC-1, SH2B-1, PLCG-1 and SH2B-2 that control overlapping signaling cascades.

NTRK2 Mouse produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 409 amino acids (32-429a.a.) and having a molecular mass of 45.7kDa (Molecular size on SDS-PAGE will appear at approximately 57-70kDa under reducing conditions).NTRK2 Mouse is expressed with an 11 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** NTRK2 Mouse protein solution (0.5mg/ml) contains PBS pH 7.4 and 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks.Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid :** CPTSCCKCSSA RIWCTEPSG IVAFPRLEPN SVDPENITEI LIANQKRLEI INEDDVEAYV GLRNLTIVDS  
GLKFVAYKAF LKNSNLRHIN FTRNKLTSLR RRHFRHLDLS DLILTGNPFT CSCDIMWLKT LQETKSSPDT  
QDLYCLNESS KNMPLANLQI PNCGLPSARL AAPNLVVEEG KSVTLSCSVG GDPLPTLYWD VGNLVSKHMN  
ETSHTQGSLR ITNISSDDSG KQISCVAENL VGEDQDSVNL TVHFAPTITF LESPTSDHHW CIPFTVRGNP  
KPALQWFYNG AILNESKYIC TKIHVTNHTE YHGCLQLDNP THMNNGDYTL MAKNEYGKDE RQISAHFMGR  
PGVDYETNPN YPEVLYEDWT TPTDIGDTTN KSNEIPSTDV ADQSNREHAA ALEHHHHHHH.