9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NTRK2 Mouse

Neurotrophic Receptor Tyrosine Kinase 2 Mouse Recombinant
NTR0065

Product Overview

Name	NTRK2 Mouse

Description

Neurotrophic Receptor Tyrosine Kinase 2 Mouse Recombinant

Accession (Primary)	P15209

Synonyms

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

Introduction

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.

Source

Sf9, Insect cells.

Physical Appearance

Sterile filtered colorless solution.

Formulation

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

Stability

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

CPTSCKCSSA RIWCTEPSPG IVAFPRLEPN SVDPENITEI LIANQKRLEI INEDDVEAYV GLRNLTIVDS GLKFVAYKAF LKNSNLRHIN FTRNKLTSLS RRHFRHLDLS DLILTGNPFT CSCDIMWLKT LQETKSSPDT QDLYCLNESS KNMPLANLQI PNCGLPSARL AAPNLTVEEG KSVTLSCSVG GDPLPTLYWD VGNLVSKHMN ETSHTQGSLR ITNISSDDSG KQISCVAENL VGEDQDSVNL TVHFAPTITF LESPTSDHHW CIPFTVRGNP KPALQWFYNG AILNESKYIC TKIHVTNHTE YHGCLQLDNP THMNNGDYTL MAKNEYGKDE RQISAHFMGR

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PGVDYETNPN YPEVLYEDWT TPTDIGDTTN KSNEIPSTDV ADQSNREH AA ALEHHHHHH .

Precautions

NTRK2 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P15209)