

Product Information

MemDX™ Membrane Protein Human NTRK2 (Neurotrophic receptor tyrosine kinase 2) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0126Q**

This product is for research use only and is not intended for diagnostic use.

This product is a 44.2 kDa Human NTRK2 membrane protein expressed in Sf9. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

NTRK2

Protein Length

Partial

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

44.2 kDa

TMD

1

Sequence

MSSWIRWHGPAMARLWGFCWLVVGFWRAAFACPTSCCKCSASRIWCSDPSPGIVAFPRLEPNSVDPENITEIFIANQKRLEIINEDDY

Product Description

Expression Systems

Sf9

Tag

C-DDK

Form

Powder

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

NTRK2

Full Name

Neurotrophic receptor tyrosine kinase 2

Introduction

This gene encodes a member of the neurotrophic tyrosine receptor kinase (NTRK) family. This kinase is a membrane-bound receptor that, upon neurotrophin binding, phosphorylates itself and members of the MAPK pathway. Signalling through this kinase leads to cell differentiation. Mutations in this gene have been associated with obesity and mood disorders. Alternative splicing results in multiple transcript variants.

Alternative Names

EIEE58; GP145-TrkB; OBHD; trk-B; TRKB; BDNF tropomyosine; receptor kinase B; BDNF/NT-3 growth factors receptor; neurotrophic tyrosine kinase receptor type 2; tropomyosin-related kinase B; tyrosine kinase receptor B

Gene ID

[4915](#)

UniProt ID

[Q16620](#)