
Product Data Sheet

Product Name: NTRK3 Mouse

Cat. No.: GP26064

Batch No.: 1

Product Data

Purity >98% Source Sf9, Baculovirus cells.

Physical Appearance solid Shipping Condition withIcePacks

Synonyms NT-3 growth factor receptor, GP145-TrkC, Trk-C, Neurotrophic tyrosine kinase receptor type 3, TrkC tyrosine kinase, Ntrk3, TrkC, AW125844, Ntrk3_tv3

Amino Acid Sequence
 CPANCVCSKT EINCRRPDDG NLFPLLEGQD SGNSNGNASI NITDISRNIT
 SIHIENWRGL HTLNAVDMEL YTGLQKLTIK NSGLRNIQPR AFAKNPHLRY
 INLSSNRLTT LSWQLFQTLS LRELRLQNF FNCSCDIRWM QLWQEQGEAR
 LDSQSLYCIS ADGSQLPLFR MNISQCDLPE ISVSHVNLTV REGDNAVITC
 NGSGSPLPDV DWIVTGLQSI NTHQTNLNWT NVHAINLTLV NVTSEDNGFT
 LTCIAENVVG MSNASVALTV YPPRVVSLV EPEVRLEHCI EFVVRGNPTP
 TLHWLYNGQP LRESKIIHMD YYQEGEVSEG CLLFNKPTHY NNGNYTLIAK
 NALGTANQTI NGHFLKEPPF ESTDFFDFES DASPTPPITV THKPEEDTHH HHHH

Formulation NTRK3 protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).

Introduction

Neurotrophic Receptor Tyrosine Kinase 3 (NTRK3) belongs to the receptor tyrosine kinases family and is a high affinity catalytic receptor of neurotrophin NT-3. NTRK3 mediates multiple effects of this neurotrophic factor, which includes neuronal differentiation and survival. NTRK3 induces various pleiotropic responses in malignant cells, including enhanced tumor cell invasiveness and chemotoxicity. Increased NTRK3 expression was observed in neuroblastoma, medulloblastoma, and in neuroectodermal brain tumors.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

Background

NTRK3 Mouse Recombinant produced in Baculovirus is a single glycosylated polypeptide chain containing 404 amino acids (32-429 aa) and having a molecular mass of 45.4kDa. NTRK3 is fused to a 6 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

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