

## 32-6513: NTRK3 Mouse

**Alternative Name :** NT-3 growth factor receptor, GP145-TrkC, Trk-C, Neurotrophic tyrosine kinase receptor type 3, TrkC tyrosine kinase, Ntrk3, TrkC, AW125844, Ntrk3\_tv3

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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 chemotaxis. Increased NTRK3 expression was observed in neuroblastoma, medulloblastoma, and in neuroectodermal brain tumors.

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.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

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

**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 :** CPANCVCSKT EINCRRPDDG NLFPLLEGQD SGNSNGNASI NITDISRNIT SIHIENWRGL HTLNAVDMEL  
YTGLQKLTIK NSGLRNIQPR AFAKNPHLY INLSSNRLTT LSWQLFQTLS LRELREQNF FNCSCDIRWM  
QLWQEQGEAR LDSQSLYCIS ADGSQLPLFR MNISQCDLPE ISVSHVNLTV REGDNAVITC NGSGSPLPDV  
DWIVTGLQSI NTHQTNLNWT NVHAINLTLV NVTSEDNGFT LTCIAENVVG MSNASVALTV YYPPRVVSLV  
EPEVRLEHCI EFVVRGNPTP TLHWLYNGQP LRESKIIHMD YYQEGEVSEG CLLFNKPTHY NNGNYTLIAK  
NALGTANQTI NGHFLKEPFP ESTDFFDFES DASPTPPITV THKPEEDTHH HHHH