

Product datasheet for **TP303781M**

TrkC (NTRK3) (NM_001007156) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neurotrophic tyrosine kinase, receptor, type 3 (NTRK3), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203781 protein sequence Red=Cloning site Green=Tags(s)

MDVSLCPAKCSFWRIFLLGSVWLDYVGSVLACPANCVCCKTEINCRPPDDGNLFPPLLEGQDSGNSNGNAS
INITDISRNITSIHIENWRSLSLHTLNAVDMELYTGLQKLTIKNSGLRSIQPRAFAKNPHLRYINLSSNRLT
TLWQQLFQTLRELQLEQNFFNCSCDIRWMQLWQEQGEAKLNSQONLYCINADGSQPLPLFRMNISQCCLP
EISVSHVNLTVREGNAVITCNGSGSPLPDVDWIVTGLQSINTHQTNLNWNTNVHAINLTLVNVTSEDNGF
TLTCIAENVVGMNASVALTVYPPRVVSLPELRLHECIEFVVRGNPPPTLHWHLHNGQPLRESKIIHV
EYYQEGEISEGCLLFNKPTHYNNNGNYTLIAKNPLGTANQTINGHFLKEPFPESTDNFILFDEVSPPTPIT
VTHKPEEDTFGVSIAVGLAAAFACVLLVLFVMINKYGRRSKFGMKGPVAVISGEEDSASPLHHINHGITT
PSSLDAGPDTVIGMTRIPVIENPQYFRQGHNCHKPDTWVFSNIDNHGILNLKDNDRDHLVPSTHYIYEEP
EVQSGEVSYPRSHGFREIMLNPIPLPGHSLKPLNHGIYVEDVNVYFSKGRHGF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	64.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001007157](#)

Locus ID: 4916

UniProt ID: [Q96CY4](#)

RefSeq Size: 4141

Cytogenetics: 15q25.3

RefSeq ORF: 1836

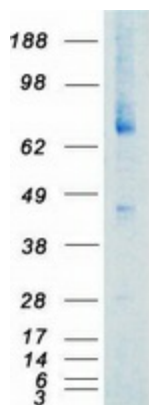
Synonyms: gp145(trkC); GP145-TrkC; TRKC

Summary: 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 and may play a role in the development of proprioceptive neurons that sense body position. Mutations in this gene have been associated with medulloblastomas, secretory breast carcinomas and other cancers. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]

Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: Neurotrophin signaling pathway

Product images:



Coomassie blue staining of purified NTRK3 protein (Cat# [TP303781]). The protein was produced from HEK293T cells transfected with NTRK3 cDNA clone (Cat# [RC203781]) using MegaTran 2.0 (Cat# [TT210002]).