

Product datasheet for TP327766M

Tropomodulin 2 (TMOD2) (NM_001142885) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens tropomodulin 2 (neuronal) (TMOD2), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227766 representing NM_001142885 Red =Cloning site Green =Tags(s)
	MALPFQKELEKYKNIDEDELLGKLSEELKQLENVLDDLDPESAMLPAGFRQKDQTQKAATGPFDRHLL MYLEKEALEQKDREDFVPFTGEKKGRVFIPKEKPIETRKEEKVTLDPLEEEALASASDTELYDLAAVLGV HNLLNPKFDEETANNKGGKGPVRNVVKGEKVKPVFEPPNPTNVEISLQQMKANDPSLQEVNLLNNIKAF ADMLKVNKTLTSLNIESNFITGTGILALVEALKENDTLTEIKIDNQRQQLGTAVEMEIAQMLEENSRILK FGYQFTKQGPRTRVAAAITKNNDLVRKKRVEADRR
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	35.5 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.
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_001136357
Locus ID:	29767



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UniProt ID: [Q9NZR1](#)

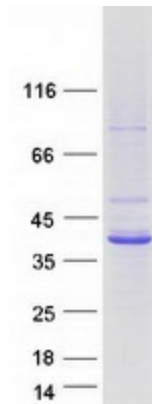
Cytogenetics: 15q21.2

RefSeq ORF: 945

Synonyms: N-TMOD; NTMOD

Summary: This gene encodes a neuronal-specific member of the tropomodulin family of actin-regulatory proteins. The encoded protein caps the pointed end of actin filaments preventing both elongation and depolymerization. The capping activity of this protein is dependent on its association with tropomyosin. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Dec 2008]

Product images:



Coomassie blue staining of purified TMOD2 protein (Cat# [TP327766]). The protein was produced from HEK293T cells transfected with TMOD2 cDNA clone (Cat# [RC227766]) using MegaTran 2.0 (Cat# [TT210002]).