

## Product datasheet for **TP309053L**

### Tropomodulin 2 (TMOD2) (NM\_014548) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tropomodulin 2 (neuronal) (TMOD2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209053 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MALPFQKELEKYKNIDEDELLGKLSEELKQLENVLDLDPESAMLPAGFRQKDQTQKAATGPFDRHLL  
MYLEKEALEQKDREDFVPFTGEKKGRVFPKEKPIETRKEEKVTLDPLEEEALASASDTELYDLAAVLGV  
HNLLNPKFDEETANNKGGKGPVRNVVKGKVPVFEPPNPTNVEISLQQMKANDPSLQEVNLLNNIKNI  
PIPTLREFAKALETNTHVKKFSLAATRSNDPVAIAFADMLKVNKTLTSLNIESNFITGTGILALVEALKE  
NDTLTEIKIDNQRQQLGTAVEMEIAQMLEENSRILKFGYQFTKQGPRTRVAAAITKNNDLVRKKRVEADR  
R

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.4 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:	<a href="#">NP_055363</a>
Locus ID:	29767



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UniProt ID: [Q9NZR1](#)

RefSeq Size: 9186

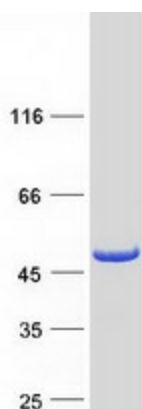
Cytogenetics: 15q21.2

RefSeq ORF: 1053

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# [TP309053]). The protein was produced from HEK293T cells transfected with TMOD2 cDNA clone (Cat# [RC209053]) using MegaTran 2.0 (Cat# [TT210002]).