

Product datasheet for **TP328291**

Tropomodulin 1 (TMOD1) (NM_001166116) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human tropomodulin 1 (TMOD1), transcript variant 2, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone >RC228291 representing NM_001166116

or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MSYRRELEKYRDLDEDEILGALTEELRTLLENELDELDPDNALLPAGLRQKDQTTKAPTGPFKREELLDH
LEKQAKEFKDREDLVPYTGEKRGKVVWPKQKPLDPVLESVTLEPELEEALANASDAELCDIAAILGMHTL
MSNQYYQALSSSSIMNKEGLNSVIKPTQYKVPDEEPNSTDVEETLERIKNNDPKLEEVNLNINIRNIPI
PTLKAYAEALKENSIVKFSIVGTRSNP VAYALAEMLKENVLKLTLNVESNFISGAGILRLVEALPYNT
SLVEMKIDNQSQPLGNKVEMEIVSMLEKNATLLKFGYHFTQQGPRLRASNAMMNNNDLVRKRRRLADLTGP
IIPKCRSGV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 40.4 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: NULL or Add: Recombinant proteins 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_001159588](#)

Locus ID: 7111



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UniProt ID: [P28289](#)

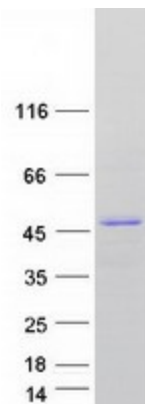
Cytogenetics: 9q22.33

RefSeq ORF: 1077

Synonyms: D9S57E; ETMOD; TMOD

Summary: This gene encodes a member of the tropomodulin family. The encoded protein is an actin-capping protein that regulates tropomyosin by binding to its N-terminus, inhibiting depolymerization and elongation of the pointed end of actin filaments and thereby influencing the structure of the erythrocyte membrane skeleton. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified TMOD1 protein (Cat# TP328291). The protein was produced from HEK293T cells transfected with TMOD1 cDNA clone (Cat# [RC228291]) using MegaTran 2.0 (Cat# [TT210002]).