

Product datasheet for TP304673M

Tropomodulin 4 (TMOD4) (NM_013353) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tropomodulin 4 (muscle) (TMOD4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204673 protein sequence Red=Cloning site Green=Tags(s)

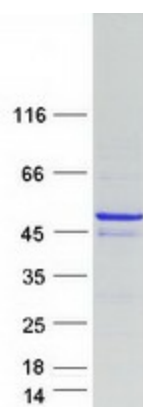
MSSYQKELEKYRDIIDEILRTLSPPELEQLDCELQEMDPENMLLPAGLRQRDQTKKSPTGPLDREALQ
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PMLSELCEAMKANTYVRSFSLVATRSGDPIANAVADMLRENRSLSLNIESNFISSTGLMAVLKAVRENA
TLTELVDNQRQWPGDAVEMEMATVLEQRPSIVRFGYHFTQQGPRARAAQAMTRNNELRRQQKKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.2 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_037485
Locus ID:	29765
UniProt ID:	Q9NZQ9
RefSeq Size:	1322
Cytogenetics:	1q21.3
RefSeq ORF:	1035
Synonyms:	SK-TMOD
Summary:	Blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton.[UniProtKB/Swiss-Prot Function]

Product images:


Coomassie blue staining of purified TMOD4 protein (Cat# [TP304673]). The protein was produced from HEK293T cells transfected with TMOD4 cDNA clone (Cat# [RC204673]) using MegaTran 2.0 (Cat# [TT210002]).