

Recombinant Human TMOD1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMOD1-4197H Lot. No. (See product label)

SPECIFICATION

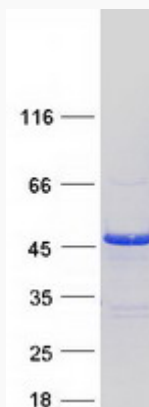
Product Overview	TMOD1 MS Standard C13 and N15-labeled recombinant protein (NP_003266) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the tropomodulin family. The encoded protein is an actin-capping protein that regulates 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.
Molecular Mass	40.6 kDa
AA Sequence	MSYRRELEKYRDLDEDKILGALTEELRTLENELDELDPDNALLPAGLRQKDQTTKA PTGPFKREELLDHLEKQAKEFKDREDLVPYTGEKRGKVWVPKQKPLDPVLESVTLE PELEEALANASDAELCDIAAILGMHTLMSNQYYQALSSSSIMNKEGLNSVIKPTQYK PVPDEEPNSTDVEETLERIKNNDPKLEEVNLLNIRNIPIPTLKAYAEALKENSYVKKFSI VGTRSNDPVAYALAEMLKENVLKTNLVESNFISGAGILRLVEALPYNTSLVEMKIDN QSQPLGNKVEMEIVSMLEKNATLLKFGYHFTQQGPRLRASNAMMNNNDLVRKRRL ADLTGPIIPKCRSGVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	TMOD1 tropomodulin 1 [Homo sapiens (human)]
Official Symbol	TMOD1
Synonyms	TMOD1; tropomodulin 1; D9S57E, TMOD; tropomodulin-1; ETMOD; E-Tmod; e-tropomodulin; erythrocyte tropomodulin; TMOD; D9S57E;
Gene ID	7111
mRNA Refseq	NM_003275
Protein Refseq	NP_003266
MIM	190930
UniProt ID	P28289

SDS-PAGE

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