Recombinant Human TMOD1 Protein, His-tagged

Cat. No. TMOD1-553H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMOD1(Pro39~His138) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro39~His138
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	12.7kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	TMOD1 tropomodulin 1 [Homo sapiens]
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_001166116
Protein Refseq	NP_001159588
MIM	190930
UniProt ID	P28289

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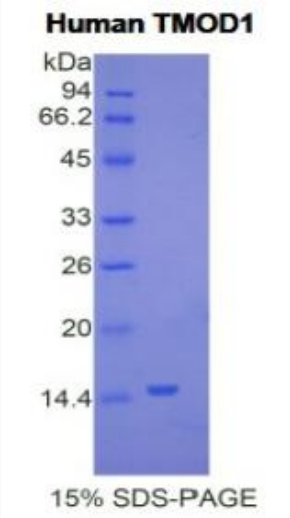

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