

Recombinant Human TMOD1 protein, T7-tagged

Cat. No. TMOD1-175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TMOD (359aa) fused with T7 Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	359 a.a.
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGEFMSYRRELEKYRDLDEDEILGALTEELRTLLENELDELDPDN ALLPAGLRQKDQTTKAPTG PFKREELLDHLEKQAKEFKDREDLVPYTGEKRGKVV VPKQKPLDPVLESVTLEPELEEALANASDAELCDIAAIL GMHTLMSNQYYQALSSS SIMNKEGLNSVIKPTQYKVPDEEPNSTDVEETLERIKNNDPKLEEVNLLNIRNIPI PT LKAYAEALKENSIVKKFSIVGTRSNDPVAYALAEMLKENKVLKTLNVESNFISGAGIL RLVEALPYNTSLVEM KIDNQSQPLGNKVEMEIVSMLEKNATLLKFGYHFTQQGPRL RASNAMMNNNDLVRKRRLADLTGPIIPKCRSGV
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro COP9 signalosome (CSN) regulation study with intracellular protein delivery of this protein.2. As soluble/native protein, may be used as enzymatic substrate protein for ubiquitin assay.3. May be used for mapping

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protein–protein interaction assay development.4. May be used as antigen for specific antibody development and potential cancer diagnostic development.

Storage

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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](#)

Chromosome Location 9q22

Pathway Muscle contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem; Striated Muscle Contraction, organism-specific biosystem;

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Function	actin binding; tropomyosin binding;
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