

Recombinant Human TMOD1 Protein (Pro39-His138), His tagged

Cat. No. TMOD1-6466H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TMOD1 (Pro39-His138) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro39-His138
Description	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. May play an important role in regulating the organization of actin filaments by preferentially binding to a specific tropomyosin isoform at its N-terminus.
Form	Lyophilized powder/frozen liquid
Molecular Mass	13.18 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

Storage Buffer Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.

Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

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_001166116](#)

Protein Refseq [NP_001159588](#)

MIM [190930](#)

UniProt ID [P28289](#)

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