

Recombinant Human TMOD4 Protein (1-345 aa), GST-tagged

Cat. No. TMOD4-2131H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMOD4 Protein (1-345 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length.
Species	Human
Source	E.coli
ProteinLength	1-345 aa
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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	66.3 kDa
AA Sequence	MSSYQKELEKYRDIIDEILRTLSPEELEQLDCELQEMDPENMLLPAGLRQRDQTKK SPTGPLDREALLQYLEQQALEVKERDDLVPFTGEKKGKPYIQPKREIPAEEQITLEPE LEEALAHATDAEMCDIAAILDMYTLMSNKQYYDALCSGEICNTEGISSVVQPDKYKPV PDEPPNPTNIEEILKRVRSDNKELEEVLNNIQDIPMLSELCEAMKANTYVRSFSLV ATRSGDPIANAVADMLRENRLQSLNIESNFISSTGLMAVLKAVRENATLTCLRVDNQ RQWPGDAVEMEMATVLEQCPSIVRFGYHFTQQGPRARAAQAMTRNNELRRQQKK R

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

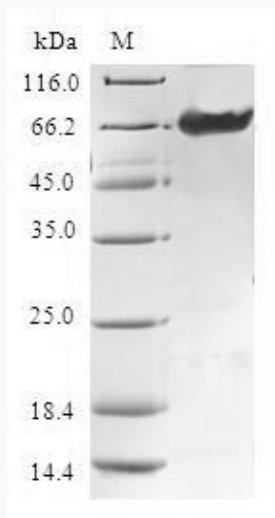
GENE INFORMATION

Gene Name	TMOD4 tropomodulin 4 (muscle) [Homo sapiens]
Official Symbol	TMOD4
Synonyms	TMOD4; tropomodulin-4; Sk Tmod; SK-TMOD; DKFZp779I0852;
Gene ID	29765
mRNA Refseq	NM_013353
Protein Refseq	NP_037485
MIM	605834
UniProt ID	Q9NZQ9

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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