

Recombinant Human TMOD4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMOD4-1900H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMOD4 MS Standard C13 and N15-labeled recombinant protein (NP_037485) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	39.4 kDa
AA Sequence	MSSYQKELEKYRDIIDEILRTLSPEELEQLDCELQEMDPENMLLPAGLRQRDQTKK SPTGPLDREALLQYLEQQALEVKERDDLVPFTGEKKGKPYIQPKREIPAEEQITLEPE LEEALAHATDAEMCDIAAILDMYTLMSNKQYYDALCSGEICNTEGISSVVQPDKYKPV PDEPPNPTNIEEILKRVRSNDKELEEVLNINIQDIPIMLSELCEAMKANTYVRSFSLV ATRSGDPIANAVADMLRENRLQSLNIESNFISSTGLMAVLKAVRENATLTRELVDNQ RQWPGDAVEMEMATVLEQRPSIVRFGYHFTQQGPRARAAQAMTRNNELRRQQKK RTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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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 TMOD4 tropomodulin 4 [Homo sapiens (human)]

Official Symbol TMOD4

Synonyms TMOD4; tropomodulin 4 (muscle); tropomodulin-4; actin capping protein; Sk Tmod; actin-capping protein; skeletal muscle tropomodulin; SK-TMOD; DKFZp779I0852;

Gene ID 29765

mRNA Refseq NM_013353

Protein Refseq NP_037485

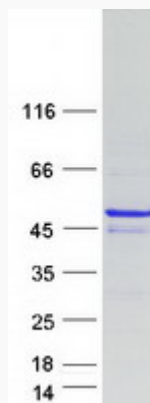
MIM 605834

UniProt ID Q9NZQ9

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SDS-PAGE

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