

Product datasheet for PH304417

Tropomodulin 3 (TMOD3) (NM_014547) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMOD3 MS Standard C13 and N15-labeled recombinant protein (NP_055362)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204417
Predicted MW:	39.6 kDa
Protein Sequence:	>RC204417 protein sequence Red=Cloning site Green=Tags(s)

MALPFRKDLEKYKDLDEDELLGNLSETELKQLETVLDDLDPENALLPAGFRQKNQTSKSTTGPFDREHLL
SYLEKEALEHKDREDYVPTYGEEKGKIFIPKQKPVQTFTEEKVSLDPELEEALTSASDTELCDLAAILGM
HNLITNTKFCNIMGSSNGVDQEHFSNVVKGEKILPVFDEPPNPTNVEESLKRKENDAHLEVNLNINIKN
IPIPTLKDFAKALETNTHVKCFSLAATRSNDPVATAFAEMLKVNKTLKSLNVESNFIGVIGILALIDALR
DNETLAELKIDNQRQLGTAVELEMAKMLEENTNILKFGYQFTQQGPRTRAANAITKNNDLVRKRRVEGD
HQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055362
RefSeq Size:	4682
RefSeq ORF:	1056
Synonyms:	UTMOD
Locus ID:	29766



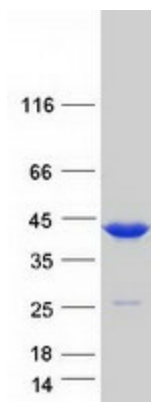
[View online »](#)

UniProt ID: [Q9NYL9](#)

Cytogenetics: 15q21.2

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TMOD3 protein (Cat# [TP304417]). The protein was produced from HEK293T cells transfected with TMOD3 cDNA clone (Cat# [RC204417]) using MegaTran 2.0 (Cat# [TT210002]).