

Product datasheet for **TP505184**

Tmod4 (NM_016712) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tropomodulin 4 (Tmod4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205184 representing NM_016712 Red=Cloning site Green=Tags(s)

MSSYQKELEKYRDIIDEILRTLSPREEQLDCELQEMDPENMLLPAGLRQRDQTKKSPTGPLDRDALLQ
YLEQQALEVKERDDLVPYTGEKKGKPFIQPKREIPAQEQTILEPELEEALSHATDAEMCDIAAILGMYTL
MSNKQYYDAICSGEICNTEGISSVVPDKYKVPDEPPNPTNIEEMLKRVRSDKELEEVLNINIQDIPI
PVLSDLCEAMKTNTYVRSFSLVATKSGDPIANAVADMLRENRLQSLNIESNFISSTGLMAVLKAVRENA
TLTELRVNDNRQWPGDVEMEMATVLEQCPSIVRFGYHFTQQGPRARAAHAMTRNNELRRQKKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	39.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_057921
Locus ID:	50874
UniProt ID:	Q9JLH8 , Q3UN19



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RefSeq Size: 1241

Cytogenetics: 3 40.74 cM

RefSeq ORF: 1035

Synonyms: MTMOD; Sk-Tmod

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]