Recombinant Human TMOD3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMOD3-4359H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMOD3 MS Standard C13 and N15-labeled recombinant protein (NP_055362) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	TMOD3 (Tropomodulin 3) is a Protein Coding gene. Diseases associated with TMOD3 include Cardiomyopathy, Familial Hypertrophic, 3 and Aromatase Excess Syndrome. Among its related pathways are Cardiac conduction and Striated Muscle Contraction. Gene Ontology (GO) annotations related to this gene include actin binding and tropomyosin binding. An important paralog of this gene is TMOD2.
Molecular Mass	39.6 kDa
AA Sequence	MALPFRKDLEKYKDLDEDELLGNLSETELKQLETVLDDLDPENALLPAGFRQKNQTS KSTTGPFDREHLLSYLEKEALEHKDREDYVPYTGEKKGKIFIPKQKPVQTFTEEKVSL DPELEEALTSASDTELCDLAAILGMHNLITNTKFCNIMGSSNGVDQEHFSNVVKGEKI LPVFDEPPNPTNVEESLKRTKENDAHLVEVNLNNIKNIPIPTLKDFAKALETNTHVKCF SLAATRSNDPVATAFAEMLKVNKTLKSLNVESNFITGVGILALIDALRDNETLAELKID NQRQQLGTAVELEMAKMLEENTNILKFGYQFTQQGPRTRAANAITKNNDLVRKRRV EGDHQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

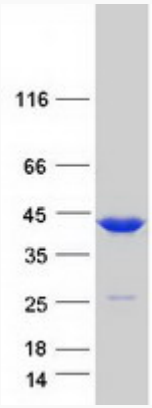
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling 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	TMOD3 tropomodulin 3 [Homo sapiens (human)]
Official Symbol	TMOD3
Synonyms	TMOD3; tropomodulin 3 (ubiquitous); tropomodulin-3; UTMOD; ubiquitous tropomodulin;
Gene ID	29766
mRNA Refseq	NM_014547
Protein Refseq	NP_055362
MIM	605112
UniProt ID	Q9NYL9

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

SDS-PAGE	

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