

Recombinant Human TMOD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMOD2-5815H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMOD2 MS Standard C13 and N15-labeled recombinant protein (NP_001136357) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a neuronal-specific member of the tropomodulin family of actin-regulatory proteins. The encoded protein caps the pointed end of actin filaments preventing both elongation and depolymerization. The capping activity of this protein is dependent on its association with tropomyosin. Alternatively spliced transcript variants encoding different isoforms have been described.
Molecular Mass	35.5 kDa
AA Sequence	MALPFQKELEKYKNIDEDELLGKLSEEEELKQLENVLDDLDPE\$AMLPAGFRQKDQTQ KAATGPF\$DREHLLMYLEKEALEQKDREDFVPFTGEKKGRVFIPKEKPIETRKEEKVTL DPELEEALASASDTELYDLAAVLGVHLLNNPKFDEETANNKGGKGPVRNVVKGEK VKPVFEEPPNPTNVEISLQQMKANDPSLQEVNLLNIKAFADMLKVNKTLSLNIESNF ITGTGILALVEALKENDTLTEIKIDNQRQQLGTAVEMEIAQMLEENSRILKFGYQFTKQ GPRTRVAAAITKNNDLVRKKRVEADRRTRTRPLEQKLISEEDLAANDILDYKDDDDK V
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.

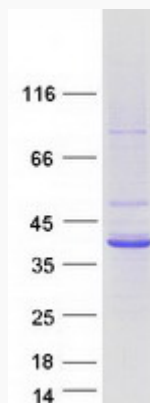
GENE INFORMATION

Gene Name	TMOD2 tropomodulin 2 [Homo sapiens (human)]
Official Symbol	TMOD2
Synonyms	TMOD2; tropomodulin 2 (neuronal); tropomodulin-2; NTMOD; neuronal tropomodulin; N-TMOD; MGC39481;
Gene ID	29767
mRNA Refseq	NM_001142885
Protein Refseq	NP_001136357
MIM	602928
UniProt ID	Q9NZR1

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SDS-PAGE

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