

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

Cat. No. TMOD2-6416H Lot. No. (See product label)

SPECIFICATION

Product Overview	TMOD2 MS Standard C13 and N15-labeled recombinant protein (NP_055363) 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	39.6 kDa
AA Sequence	MALPFQKELEKYKNIDEDELLGKLSEELKQLENVLDLDPESAMLPAGFRQKDQTQ KAATGPFDRHLLMYLEKEALEQKDREDFVPFTGEKKGRVFIPKEKPIETRKEEKVTL DPELEEALASASDTELYDLA AVLGVHLLNPNKFDEETANNKGGKGPVRNVVKGEK VKPVFEPPNPTNVEISLQQMKANDPSLQEVNLNNIKNIPIPTLREFAKALETNTHVKK FSLAATRSNDPVAIAFADMLKVNKTLTSLNIESNFITGTGILALVEALKENDTLTEIKIDN QRQQLGTAVEMEIAQMLEENSRILKFGYQFTKQGPRTTRVAAAITKNNDLVRKKRVEA DRRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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

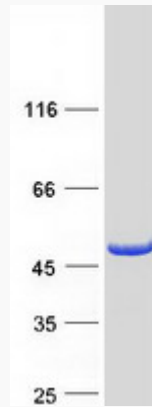
Gene Name	TMOD2 tropomodulin 2 [Homo sapiens (human)]
Official Symbol	TMOD2
Synonyms	TMOD2; tropomodulin 2 (neuronal); tropomodulin-2; NTMOD; neuronal tropomodulin; N-TMOD; MGC39481;
Gene ID	29767
mRNA Refseq	NM_014548
Protein Refseq	NP_055363
MIM	602928
UniProt ID	Q9NZR1

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SDS-PAGE



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