

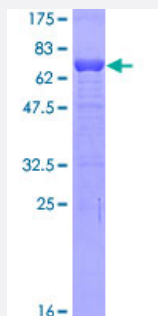
Full-Length

TMOD2 (Human) Recombinant Protein (P01)

Catalog # H00029767-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TMOD2 full-length ORF (AAH64961.1, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALPFQKELEKYKNIDEDELLGKLSEEEELKQLENVLDDLDPE\$AMLPAGFRQKDQTQKAATGPF
DREHLLMYLEKEALEQKDREDFVPFTGEKKGRVFIPKEKPIETRKEEKVTLDP\$ELEEALASASDT
ELYDLAAVLGVHNLNNPKFDEETANNKGGKGPVRNVVKG\$EKKVPVFEEPPNPTNVEISLQQMK
ANDPSLQEVNLLNNIKNIPTLREFAKALETNTHVKKFSLAAT\$RNDPVAIAFADMLKVNKTLSLNI
ESNFITGTGILALVEALKENDTLTETKIDNQRQQLGTAVEME\$IAQM\$LEENSRILKFGYQFTKQGPRT\$R
VAAAITKNNDLVRKKRVEADRR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

64.35

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TMOD2

Entrez GeneID [29767](#)**GeneBank Accession#** [BC064961](#)**Protein Accession#** [AAH64961.1](#)**Gene Name** TMOD2**Gene Alias** MGC39481, N-TMOD, NTMOD**Gene Description** tropomodulin 2 (neuronal)**Omim ID** [602928](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations neuronal tropomodulin