

Recombinant Mouse Tpm2 Protein, Myc/DDK-tagged

Cat. No. Tpm2-6599M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length tropomyosin 2, beta (cDNA clone MGC:18587 IMAGE:3497670), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene belongs to the tropomyosin family which encodes proteins that bind to actin filaments and stabilize them by regulating access to actin modifying proteins. The encoded protein is a high molecular weight tropomyosin expressed in slow skeletal muscle. In humans, mutations in this gene are associated with nemaline myopathy, cap disease and distal arthrogyrosis syndromes. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms.
Molecular Mass	34.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Tpm2 tropomyosin 2, beta \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Tpm2](#)

Synonyms [Tpm2](#); [tropomyosin 2, beta](#); [Tro](#); [Tpm-](#); [Tpm-2](#); [Trop-2](#); [tropomyosin beta chain](#)

Gene ID [22004](#)

mRNA Refseq [NM_009416](#)

Protein Refseq [NP_033442](#)

UniProt ID [P58774](#)

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