

Recombinant Human TPM4 Protein, MYC/DDK-tagged

Cat. No. TPM4-2424H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPM4 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. In muscle cells, they regulate muscle contraction by controlling the binding of myosin heads to the actin filament. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	TPM4 tropomyosin 4 [Homo sapiens]
Official Symbol	TPM4
Synonyms	HEL-S-108
Gene ID	7171
mRNA Refseq	NM_001145160
Protein Refseq	NP_001138632
MIM	600317
UniProt ID	P67936

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