

Recombinant Human TPM1 protein, His-tagged

Cat. No. TPM1-3150H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TPM1 protein(1-50 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-50 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MAGSSSLEAVRRKIRSLQEQAADAAEERAGTLQRELDHERKLRETAEDVA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	TPM1 tropomyosin 1 (alpha) [Homo sapiens]
Official Symbol	TPM1
Synonyms	TPM1; tropomyosin 1 (alpha); C15orf13, cardiomyopathy, hypertrophic 3 , chromosome 15 open reading frame 13 , CMH3; tropomyosin alpha-1 chain; alpha-tropomyosin; sarcomeric tropomyosin kappa; cardiomyopathy, hypertrophic 3; tropomyosin 1 (alpha) isoform 1; tropomyosin 1 (alpha) isoform 2; tropomyosin 1 (alpha) isoform 3; tropomyosin 1 (alpha) isoform 4; tropomyosin 1 (alpha) isoform 5; tropomyosin 1 (alpha) isoform 6; tropomyosin 1 (alpha) isoform 7; CMH3; TMSA; CMD1Y; C15orf13; HTM-alpha;
Gene ID	7168
mRNA Refseq	NM_000366
Protein Refseq	NP_000357
MIM	191010
UniProt ID	P09493

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