

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	MAGSSSLEAVRRKIRSLQEADAAEERAGTLQRELDHERKLRRETAEADVA
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 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

 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

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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