

## Recombinant Human TPM2 Protein, GST-tagged

Cat. No. TPM2-317H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TPM2 Protein(NP_003280)(1-284 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-284 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
<b>AA Sequence</b>	MDAIKKKMQMLKLDKENAIDRAEQAEADKKQAEDRCKQLEEEQQALQKCLKGTEDE VEKYSESVKEAQEKLEQAEKKATDAEADVASLNRRIQLVEEELDRAQERLATALQKL EEAEKAADESERGMKVIENRAMKDEEKMELQEMQLKEAKHIAEDSDRKYEEVARKL VILEGELERSEERA EVAESRARQLEELRTMDQALKSLMASEEEYSTKEDKYEEI LLEEKLKEAETRAEFAERSVAKLEKTIDDLEETLASAKEENVEIHQTLDTLLELNNL
<b>Purity</b>	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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 (see Stability and Storage for more details).  
 If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used).  
 Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

**GENE INFORMATION**

<b>Gene Name</b>	TPM2 tropomyosin 2 (beta) [ Homo sapiens ]
<b>Official Symbol</b>	TPM2
<b>Synonyms</b>	TPM2; tropomyosin 2 (beta); AMCD1, arthrogyrosis multiplex congenital, distal, type 1; tropomyosin beta chain; DA1; tropomyosin-2; DA2B; NEM4; TMSB; AMCD1;
<b>Gene ID</b>	7169
<b>mRNA Refseq</b>	NM_003289
<b>Protein Refseq</b>	NP_003280
<b>MIM</b>	190990
<b>UniProt ID</b>	P07951

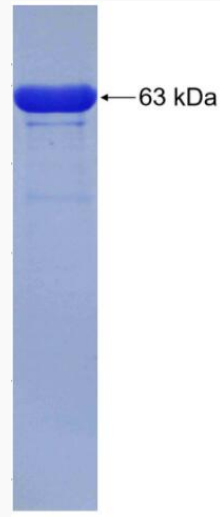
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA