

## Recombinant Mouse Tpm3 protein, His & T7-tagged

**Cat. No.** Tpm3-8048M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Tpm3 aa. (Thr6~Met248 (Accession # P21107)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr6~Met248
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 32.3kDa.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 4.8.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the

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Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage Buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

Tpm3 tropomyosin 3, gamma [ *Mus musculus* (house mouse) ]

**Official Symbol**

Tpm3

**Synonyms**

TMnm; Tpm5; Tm5NM; Tpm-5; hTMnm; TM30nm; Trop-5; hTM30nm; gamma-TM; gamma-tropomyosin; skalphaTM.2; tropomyosin 5; tropomyosin-3; tropomyosin alpha-3 chain

**Gene ID**

59069

**mRNA Refseq**

NM\_001253738.1

**Protein Refseq**

NP\_001240667.1

**UniProt ID**

P21107

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