

## Recombinant Mouse Gstm2 protein, His & T7-tagged

Cat. No. Gstm2-735M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Gstm2 aa. (Leu5~Arg202 (Accession # P15626)) 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>	Leu5~Arg202
<b>Description</b>	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 27.2kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	>95%
<b>Characteristic</b>	The isoelectric point is 6.6.
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate 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% sucrose, 0.01% sarcosyl.

**Reconstitution**

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

## GENE INFORMATION

**Gene Name**

[Gstm2 glutathione S-transferase, mu 2 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol**

[Gstm2](#)

**Synonyms**

Gstb2; Gstb-2; GST 5-5; GST class-mu 2; glutathione S-transferase pmGT2; glutathione S-transferase Mu 2

**Gene ID**

[14863](#)

**mRNA Refseq**

[NM\\_008183.3](#)

**Protein Refseq**

[NP\\_032209.1](#)

**UniProt ID**

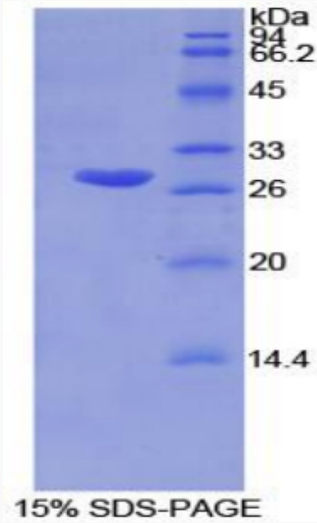
[P15626](#)

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SDS-PAGE



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