

Recombinant Mouse Gsto1 protein, His & T7-tagged

Cat. No. Gsto1-619M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gsto1 aa. (Ile24~Pro233 (Accession # O09131)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ile24~Pro233
Description	This gene encodes a member of the omega class of glutathione S-transferase (GST) proteins. GSTs are involved in the metabolism of xenobiotics and carcinogens. There is evidence that the encoded protein is involved in the biotransformation of arsenic.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.8.
Applications	SDS-PAGE; WB; ELISA; IP

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Stability	The thermal stability is described by the loss rate. 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. 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

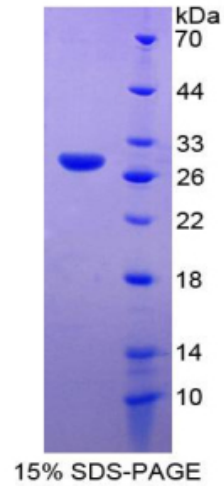
Gene Name	Gsto1 glutathione S-transferase omega 1 [Mus musculus (house mouse)]
Official Symbol	Gsto1
Synonyms	Gsto1; glutathione S-transferase omega 1; p28; Gstx; Spg-r; Gsto-1; AA407097; AI194287; AU018802; glutathione S-transferase omega-1; Glutathione transferase omega 1 (GSTO 1-1) (p28); MMA(V) reductase; S-(Phenacyl)glutathione reductase; glutathione S-transferase omega 1-1; glutathione-S-transferase like; glutathione-dependent dehydroascorbate reductase; monomethylarsonic acid reductase
Gene ID	14873
mRNA Refseq	NM_010362.3
Protein Refseq	NP_034492.1
UniProt ID	O09131

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SDS-PAGE



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