

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

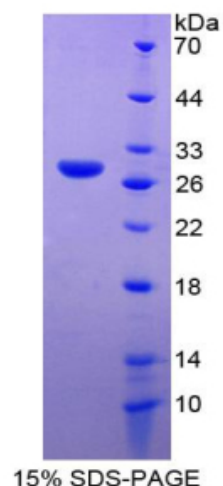
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

SDS-PAGE



15% SDS-PAGE

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