

Recombinant Mouse Gsto1 Protein, MYC/DDK-tagged

Cat. No. Gsto1-1070M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse glutathione S-transferase omega 1 (Gsto1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	27.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Gsto1 glutathione S-transferase omega 1 [Mus musculus (house mouse)]
Official Symbol	Gsto1
Synonyms	Gsto1; glutathione S-transferase omega 1; p28; Gstm; 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; EC 1.20.4.2; EC 1.8.5.1; EC 2.5.1.18
Gene ID	14873
mRNA Refseq	NM_010362
Protein Refseq	NP_034492
UniProt ID	O09131

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