

Recombinant Human GSTO1 protein, GST-tagged

Cat. No. GSTO1-3680H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSTO1 protein(1-241 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-241 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MSGESARSLGKGSAPPGVPPEGSIRIYSMRFCPFAERTRLVLKAKGIRHEVININLKN KPEWFFKKNPFGLVPVLENSQGQLIYESAITCEYLDEAYPGKKLLPDDPYEKACQKM ILELFSKVPSLVGSFIRSQNKEDYAGLKEEFRKEFTKLEEVLTNKKTTFFGGNSISMID YLIWPWFERLEAMKLNEDVHTPKLKLWMAAMKEDPTVSALLTSEKDWQGFLELYL QNSPEACDYGL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION
Gene Name

[GSTO1 glutathione S-transferase omega 1 \[Homo sapiens \]](#)

Official Symbol

[GSTO1](#)

Synonyms

GSTO1; glutathione S-transferase omega 1; glutathione S-transferase omega-1; GSTTLp28; P28; GSTO-1; MMA(V) reductase; glutathione-S-transferase like; monomethylarsonic acid reductase; S-(Phenacyl)glutathione reductase; glutathione S-transferase omega 1-1; glutathione-dependent dehydroascorbate reductase; SPG-R; GSTO 1-1; DKFZp686H13163;

Gene ID

[9446](#)

mRNA Refseq

[NM_001191002](#)

Protein Refseq

[NP_001177931](#)

MIM

[605482](#)

UniProt ID

[P78417](#)

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