

# Recombinant Human GSTO1 protein, Avi-tagged, Biotinylated

**Cat. No.** GSTO1-5209H    **Lot. No.** (See product label)

## SPECIFICATION

|                          |                                                                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Human GSTO1 protein(P78417)(2-241 aa), fused with Avi tag, was expressed in E.coli.                                                                                                                                                                         |
| <b>Species</b>           | Human                                                                                                                                                                                                                                                                                |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>     | 2-241 aa                                                                                                                                                                                                                                                                             |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                                                                               |
| <b>Form</b>              | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                 |
| <b>AASequence</b>        | SGESARSLG KGSAPPGPVP EGSIRIYSMR FCPFAERTRL VLKAKGIRHE<br>VININLKNKP EWFFKKNPFG LVPVLENSQG QLIYESAITC EYLDEAYPGK<br>KLLPDDPYEK ACQKMILELF SKVPSLVGSF IRSQNKEDYA GLKEEFRKEF<br>TKLEEVLTK KTTFFGGNSI SMIDYLIWPW FERLEAMKLN ECVDHTPKLLK<br>LWMAAMKEDP TVSALLTSEK DWQGFLELYL QNSPEACDYG L |
| <b>Purity</b>            | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                      |
| <b>Storage</b>           | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                       |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the                                                                                                                                                                                                     |

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contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

**Conjugation** Biotin

## 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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