

Recombinant Human GSTZ1 protein, GST-tagged

Cat. No. GSTZ1-13585H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human N-terminal GSTZ1 protein(1-216 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-216 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MQAGKPILYSYFRSSCSWRVRIALALKGIDYETVPINLIKDGGQQFSKDFQALNPMK QVPTLKIDGITIHQSLAIIIEYLEEMRPTPRLLPQDPKKRASVRMISDLIAGGIQPLQNLNLS VLKQVGEEMQLTWAQNAITCGFNALQILQSTAGIYCVGDEVMTMADLCLVPQVANA ERFKVDLTPYPTISSINKRLLVLEAFQVSHPCRQPDTPTELRA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

 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

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION**Gene Name**[GSTZ1 glutathione transferase zeta 1 \[Homo sapiens \]](#)**Official Symbol**[GSTZ1](#)**Synonyms**

GSTZ1; glutathione transferase zeta 1; maleylacetoacetate isomerase; GSTZ1 1; MAAI; MAI; maleylacetone isomerase; glutathione S-aryltransferase; glutathione S-alkyltransferase; glutathione S-aralkyltransferase; glutathione s-transferase Zeta 1; S-(hydroxyalkyl)glutathione lyase; GSTZ1-1; MGC2029;

Gene ID[2954](#)**mRNA Refseq**[NM_001513](#)**Protein Refseq**[NP_001504](#)**MIM**[603758](#)**UniProt ID**[O43708](#) 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



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