

## Recombinant Human GSTZ1, His tagged

Cat. No. GSTZ1-8644H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTZ1 mature form (NP_665877.1) (Met1-Ala216), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-216 a.a.
<b>Predicted N Terminal</b>	His
<b>Form</b>	Lyophilized from sterile PBS, 10% glycerol, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human GSTZ1 consists of 231 amino acids and predicts a molecular mass of 26 KDa. It migrates as an approximately 27 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** [GSTZ1 glutathione transferase zeta 1 \[ Homo sapiens \]](#)

**Official Symbol** [GSTZ1](#)

**Gene ID** [2954](#)

**mRNA Refseq** [NM\\_001513](#)

**Protein Refseq** [NP\\_001504](#)

**MIM** [603758](#)

**UniProt ID** [O43708](#)

**Chromosome Location** [14q24.3](#)

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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