

Recombinant Human GSTZ1, His tagged

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

SPECIFICATION

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

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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

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