

## Recombinant Human GSTP1 protein, GST-tagged

Cat. No. GSTP1-1215H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTP1 protein(1-210 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-210 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	MPPYTVVYFPVRGRCAALRMLLADQGQSWKEEVTVETWQEGSLKASCLYGQLPK FQDGLTLYQSNTILRHLGRTLGLYGKDDQQAALVDMVNDGVEDLRCKYVSLIYTNY EAGKDDYVKALPGQLKPFETLLSQNQGKTFIVGDQISFADYNLLDLLLIHEVLAPGC LDAFPLLSAYVGRLSARPKLKAFLASPEYVNLPIGNGKQ
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	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

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storage.

**GENE INFORMATION**

<b>Gene Name</b>	GSTP1 glutathione S-transferase pi 1 [ Homo sapiens ]
<b>Official Symbol</b>	GSTP1
<b>Synonyms</b>	GSTP1; glutathione S-transferase pi 1; FAEES3, GST3; glutathione S-transferase P; GSTP; GSTP1-1; GST class-pi; deafness, X-linked 7; fatty acid ethyl ester synthase III; PI; DFN7; GST3; FAEES3;
<b>Gene ID</b>	2950
<b>mRNA Refseq</b>	NM_000852
<b>Protein Refseq</b>	NP_000843
<b>MIM</b>	134660
<b>UniProt ID</b>	P09211

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