

Active Recombinant Human GSTP1

Cat. No. GSTP1-250H **Lot. No.** (See product label)

SPECIFICATION

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|-----------------------------|---|
| Product Overview | Recombinant Human GSTP1 (Accession # AAC51280) Met1-Glu210 was produced in E. coli-derived. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-210 a.a. |
| Predicted N Terminal | Met |
| Form | Supplied as a 0.2 µm filtered solution in Tris, NaCl and Glycerol. |
| Bio-activity | Measured by the conjugation of reduced glutathione to 1-bromo-2,4-dinitrobenzene. The specific activity is >25,000 pmol/min/g, as measured under the described conditions. |
| Molecular Mass | Recombinant Human GSTP1 has a calculated MW of 23 kDa. In SDS-PAGE migrates as 24 kDa, reducing conditions. |
| Purity | >95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 |

 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

months (-70°C).

GENE INFORMATION

| | |
|----------------------------|---|
| Gene Name | GSTP1 glutathione S-transferase pi 1 [Homo sapiens] |
| Official Symbol | GSTP1 |
| Synonyms | 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; |
| Gene ID | 2950 |
| mRNA Refseq | NM_000852 |
| Protein Refseq | NP_000843 |
| MIM | 134660 |
| UniProt ID | P09211 |
| Chromosome Location | 11q13.2 |

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