

Recombinant Human GSTP1 Protein (2-210 aa), His-tagged

Cat. No. GSTP1-2550H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human GSTP1 Protein (2-210 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein. |
| Species | Human |
| Source | Yeast |
| ProteinLength | 2-210 aa |
| Description | Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Regulates negatively CDK5 activity via p25/p35 translocation to prevent neurodegeneration. |
| Form | Tris-based buffer,50% glycerol |
| Molecular Mass | 25.2 kDa |
| AA Sequence | PPYTVVYFPVRGRCAALRMLLADQGQSWKEEVTVETWQEGSLKASCLYGQLPKF QDGDLTLYQSNTILRHLGRTLGLYGKDQQAALVDMVNDGVEDLRCKYISLIYTNYE AGKDDYVKALPGQLKPFETLLSQNQGGKTFIVGDQISFADYNLLDLLLIHEVLAPGCL DAFPLLSAYVGRLSARPKLKAFLASPEYVNLPIPINGNGKQ |
| Purity | > 85% as determined by SDS-PAGE. |

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|----------------------|---|
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| Storage | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| Concentration | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information. |

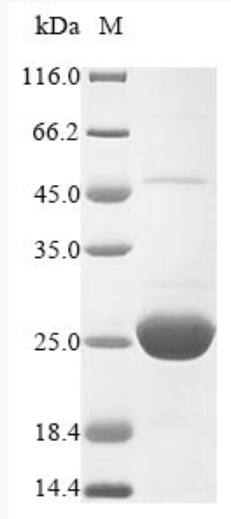
GENE INFORMATION

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|------------------------|--|
| Gene Name | GSTP1 glutathione S-transferase pi 1 [Homo sapiens] |
| Official Symbol | GSTP1 |
| Synonyms | GSTP1; FAEES3, GST3; glutathione S-transferase P; GSTP; GSTP1-1; GST class-pi; PI; DFN7; GST3; FAEES3; |
| Gene ID | 2950 |
| mRNA Refseq | NM_000852 |
| Protein Refseq | NP_000843 |
| MIM | 134660 |
| UniProt ID | P09211 |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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