

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

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

SPECIFICATION

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 QDGDLTLYQSNILRHLGRTLGLYGKDQQAALVDMVNDGVEDLRCKYISLIYTNYE AGKDDYVKALPGQLKPFETLLSQNQGGKTFIVGDQISFADYNLLDLLLIHEVLAPGCL DAFPLLSAYVGRLSARPKLKAFLASPEYVNLPINGNGKQ
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.

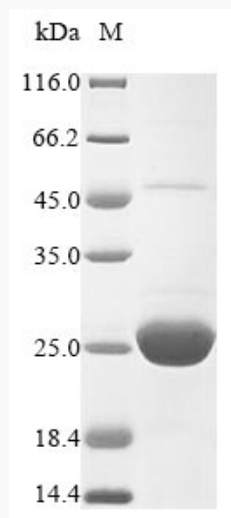
GENE INFORMATION

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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