

Glutathione S Transferase Pi (GSTp) Recombinant Protein | GSTp recombinant protein

Recombinant Glutathione S Transferase Pi (GSTp)

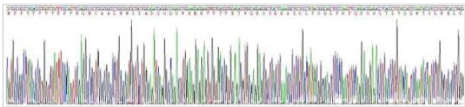
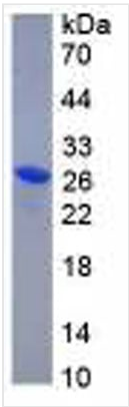
CATALOG # AAA134268	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glutathione S Transferase Pi (GSTp); Recombinant Glutathione S Transferase Pi (GSTp); GSTp recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 95%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 1200ug/mL (varies by lot)
Applicable Applications for GSTp recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1-Gln210
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Mitochondrion, Cytoplasm
Predicted isoelectric point	6.2
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

MPPYTVVYFP VRGRCAALRM LLADQGQSHK EEVTVTETHQ EGSLKASCLY
GQLPKFQDGD LTLYQSNTIL RHLGRTLGLY GKDQQAALV DMVNDGVEDL
RCKYISLIYT NYEAGKDDYV KALPGQLKPF ETLLSQNQQG KTFIVGDQIS
FADYNLLDLL LIHEVLAPGC LDAFPLLSAY VGRLSARPKL KAFLASPEYV
NLPINGNGKQ

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504183
NCBI GeneID	2950
NCBI Accession #	NP_000843.1
NCBI GenBank Nucleotide #	NM_000852.3
UniProt Accession #	P09211; O00460; Q15690; Q5TZY3
Molecular Weight	Predicted Molecular Mass: 24.5kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	glutathione S-transferase P
NCBI Official Synonym Full Names	glutathione S-transferase pi 1
NCBI Official Symbol	GSTP1
NCBI Official Synonym Symbols	PI; DFN7; GST3; GSTP; FAEES3; HEL-S-22
NCBI Protein Information	glutathione S-transferase P; GSTP1-1; GST class-pi; deafness, X-linked 7; epididymis secretory protein Li 22; fatty acid ethyl ester synthase III
UniProt Protein Name	Glutathione S-transferase P
UniProt Gene Name	GSTP1
UniProt Synonym Gene Names	FAEES3; GST3
UniProt Entry Name	GSTP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.