

Glutathione S-transferase P Recombinant Protein | Gstp1 recombinant protein

Recombinant Rat Glutathione S-transferase P

CATALOG # AAA81674	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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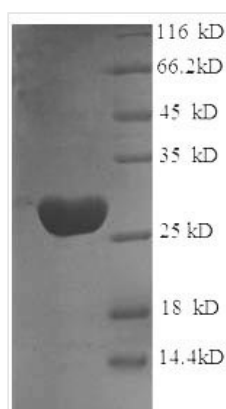
PRODUCT SYNONYMS

Glutathione S-transferase P; Recombinant Rat Glutathione S-transferase P; Chain 7GST 7-7GST class-pi; Gstp1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-210. Full Length of Mature Protein
Sequence	PPYTIVYFPV RGRCEATRML LADQGQSWKE EVVTIDVWLQ GSLKSTCLYG QLPKFEDGDL TLYQSNAILR HLGRSLGLYG KDQKEAALVD MVNDGVEDLR CKYGTLIYTN YENGKDDYVK ALPGHLKPFE TLLSQNQGGK AFIVGNQISF ADYNLLDLLL VHQLAPGCL DNFPLLSAYV ARLSARPKIK AFLSSPDHLN RPINGNGKQ
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Gstp1 recombinant protein	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.
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References	Cloning and the nucleotide sequence of rat glutathione S-transferase P cDNA.Suguoka Y., Kano T., Okuda A., Sakai M., Kitagawa T., Muramatsu M.Nucleic Acids Res. 13:6049-6057(1985) The structure of the rat glutathione S-transferase P gene and related pseudogenes.Okuda A., Sakai M., Muramatsu M.J. Biol. Chem. 262:3858-3863(1987) Purification and characterization of P-52 (glutathione S-transferase-P or 7-7) from normal liver and putative preneoplastic liver nodules.Rushmore T.H., Harris L., Nagai M., Sharma R.N., Hayes M.A., Cameron R.G., Murray R.K., Farber E.Cancer Res. 48:2805-2812(1988) Lubec G., Afjehi-Sadat L., Chen W.-Q.Submitted (JAN-2009) to UniProtKB Identification of three classes of cytosolic glutathione transferase common to several mammalian species correlation between structural data and enzymatic properties.Mannervik B., Alin P., Guthenberg C., Jensson H., Tahir M.K., Warholm M., Joernvall H.Proc. Natl. Acad. Sci. U.S.A. 82:7202-7206(1985)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25453420
NCBI GeneID	24426
NCBI Accession #	NP_036709.1
NCBI GenBank Nucleotide #	NM_012577.2
UniProt Accession #	P04906
Molecular Weight	27.3 kDa
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	Gst3; Gstp; GST-P; Gstp2
NCBI Protein Information	glutathione S-transferase P
UniProt Protein Name	Glutathione S-transferase P
UniProt Gene Name	Gstp1
UniProt Entry Name	GSTP1_RAT

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.

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Online datasheet: <https://www.aaabiotech.com/gstp1-recombinant-protein-e-coli/81674>