

Glutathione S Transferase Pi Active Protein | GSTp active protein

Active Glutathione S Transferase Pi (GSTp)

CATALOG # AAA150106	APPLICATIONS Activity Assay, Cell Culture
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PRODUCT SYNONYMS

Glutathione S Transferase Pi; Active Glutathione S Transferase Pi (GSTp); GSTP1; GST-P1; DFN7; FAEES3; GST3; GSTp active protein

PRODUCT SPECIFICATIONS

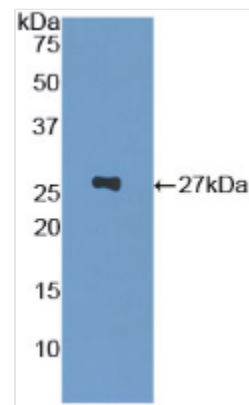
Purity/Purification	>97%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Met1~Gln210
Sequence Length	210
Applicable Applications for GSTp active protein	Activity Assay, Cell Culture
Species	Rat
Tag	N-terminal His Tag
Isoelectric Point	7.1
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: 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 degree 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.

IMAGES

MPPTYIVYFP VRGRCEATRM LLADQGGQSWK EEVVTIDVWL QGSLKSTCLY
GQLPKFEDGD LTLYQSNAIL RHLGRSLGLY GKDQKEAALV DMVNDGVEDL
RCKYGTLIYT NYENGKDDYV KALPCHLKPF ETLLSQNQGG KAFIVGNQIS
FADYNLLDLL LVHQVLAPGC LDNFPLLSAY VARLSARPKI KAFLLSSPDHL
NRPINGNGKQ

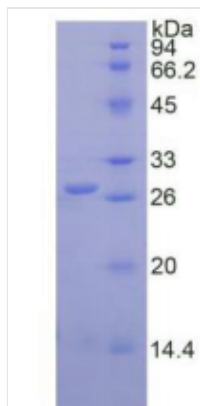
Application Data

Figure. Gene Sequencing (Extract)



WB (Western Blot)

Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for GSTp active protein	Enzyme & Kinase; Metabolic pathway; Tumor immunity; Hepatology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25453420
NCBI GeneID	24426
NCBI Accession #	NP_036709.1
NCBI GenBank Nucleotide #	NP_036709.1
UniProt Accession #	P04906
Molecular Weight	Predicted Molecular Mass: 24.7kDa Accurate Molecular Mass: 27kDa
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://stage.aaabiotech.com/gstp-active-protein/glutathione-s-transferase-pi/150106>