Glutathione S-transferase alpha-1 Recombinant Protein | Gsta1 recombinant protein

Recombinant Rat Glutathione S-transferase alpha-1

CATALOG #	HOST
AAA113486	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Glutathione S-transferase alpha-1; Recombinant Rat Glutathione S-transferase alpha-1; GST 1-1; GST 1a-1a; GST A1-1; GST B; Glutathione S-transferase Ya-1; GST Ya1; Ligandin; Gsta1 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	2-222aa; Full Length of Mature Protein
Sequence	SGKPVLHYFN ARGRMECIRW LLAAAGVEFD EKFIQSPEDL EKLKKDGNLM FDQVPMVEID GMKLAQTRAI LNYIATKYDL YGKDMKERAL IDMYTEGILD LTEMIMQLVI CPPDQKEAKT ALAKDRTKNR YLPAFEKVLK SHGQDYLVGN RLTRVDIHLL ELLLYVEEFD ASLLTSFPLL KAFKSRISSL PNVKKFLQPG SQRKLPVDAK QIEEARKIFK F
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 Gsta1 recombinant protein	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
References	The nucleotide sequence of a rat liver glutathione S-transferase subunit cDNA clone.Lai H.-C.J., Li N.-Q., Weiss M.J., Reddy C.C., Tu C.-P.D.J. Biol. Chem. 259:5536-5542(1984) Rat glutathione S-transferase. Cloning of double-stranded cDNA and induction of its mRNA.Kalinyak J.E., Taylor J.M.J. Biol. Chem. 257:523-530(1982) Localization of the C-terminus of rat glutathione S-transferase A1-1 crystal structure of mutants W21F and W21F/F220Y.Adman E.T., Le Trong I., Stenkamp R.E., Nieslanik B.S., Dietze E.C., Tai G., Ibarra C., Atkins W.M.3.0.CO;2-%23>Proteins 42:192-200(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	51036637
NCBI GeneID	24422
NCBI Accession #	NP_058709.2
NCBI GenBank Nucleotide #	NM_017013.4

UniProt Accession #	P00502; Q6AZ72
Molecular Weight	41.5 kDa
NCBI Official Full Name	glutathione S-transferase alpha-1
NCBI Official Synonym Full Names	glutathione S-transferase alpha 2
NCBI Official Symbol	Gsta2
NCBI Official Synonym Symbols	Gsta1
NCBI Protein Information	glutathione S-transferase alpha-1
UniProt Protein Name	Glutathione S-transferase alpha-1
UniProt Gene Name	**Gsta1**
UniProt Synonym Gene Names	GST Ya1
UniProt Entry Name	GSTA1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/gsta1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113486