Glutathione S-Transferase A6 (GSTA6) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Glutathione S-transferase A6 (Gsta6), Recombinant Protein
Full Product Name	Recombinant Rat Glutathione S-transferase A6 (Gsta6)
Product Gene Name	Gsta6 recombinant protein
Product Synonym Gene Name	Gsta6
Sequence	MAEKPLFHYD EARGRMESVR WLLAAAGVEY EEKFIHTNED LEKLRSDGVL MFQQVPMVEV DGMKLVQTRA IMNYFSSKYN LYGKDMKERA LIDMYSEGLA DLNEMFILYP FDPPGVKEAN IALMKEKATN RYFPAFEKVF ESHGQDYLVG NKLSKADVHL VEMIYNMEEL DTNILANFPL LQALKTRISD MPTIKKFLQP GSQRQPPVDE KSIQKTRKIF KF
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	25,808 Da
Sequence Positions	1-222, full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q6AXY0
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Gsta6 recombinant protein	MBS1306949 is a recombinant protein targeting Gsta6. Also known as Recombinant Rat Glutathione S-transferase A6 (Gsta6). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Gsta6 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Gsta6. It may not necessarily be applicable to this product.

NCBI GI #	66730521
NCBI GeneID	501110
NCBI Accession #	NP_001019532.1
UniProt Primary Accession #	Q6AXY0
UniProt Related Accession #	Q6AXY0

GenBank Nucleotide #	NM_001024361.1
NCBI Official Full Name	glutathione S-transferase A6
NCBI Official Synonym Full Names	similar to Glutathione S-transferase A1 (GTH1) (HA subunit 1) (GST-epsilon) (GSTA1-1) (GST class-alpha)
NCBI Official Symbol	LOC501110
NCBI Official Synonym Symbols	Gsta6
UniProt Protein Name	Glutathione S-transferase A6
UniProt Synonym Protein Names	GST class-alpha member 6
Protein Family	Glutathione S-transferase
UniProt Gene Name	Gsta6
NCBI Protein Information	glutathione S-transferase A6
UniProt Comments for Gsta6	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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