

GST A3-3 active protein

GST A3-3, Recombinant Rat

CATALOG #
AAA71844

HOST
Rat

PRODUCT SYNONYMS

GST A3-3; Recombinant Rat; Recombinant Rat GST A3-3; GST A3-3 active protein

PRODUCT SPECIFICATIONS

Host	Rat
Purity/Purification	≥ 95% as assessed by inspection on a Coomassie® Blue-stained SDS-PAGE gel.
Form/Format	50 mM Tris-HCl (pH 7.5), 50 mM NaCl, 1 mM DTT, 5 mM EDTA and 50% glycerol.
Concentration	2.07 mg/mL total protein using the Bradford protein assay with BSA as a standard. (varies by lot)
Host Note	Rat recombinant protein expressed in E. coli.
Specific Activity	25.22 Units/mg using spectrophotometric determination of 1-chloro-2,4-dinitrobenzene (CDNB) conjugation with reduced glutathione (1 mM) in 100 mM NaPO ₄ (pH 6.5) at room temperature.
Preparation and Storage	Store at -20°C. Ships on dry ice. AVOID MULTIPLE FREEZE-THAW CYCLES.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20977534
NCBI GeneID	2940
UniProt Accession #	Q16772 ; O43468 ; Q068V6 ; Q8WWA8 ; Q9H415
Molecular Weight	23 kDa
NCBI Official Full Name	glutathione transferase A3-3
NCBI Official Synonym Full Names	glutathione S-transferase alpha 3
NCBI Official Symbol	GSTA3
NCBI Official Synonym Symbols	GTA3; GSTA3-3
NCBI Protein Information	glutathione S-transferase A3; GST class-alpha member 3; S-(hydroxyalkyl)glutathione lyase A3; glutathione S-alkyltransferase A3; glutathione S-aralkyltransferase A3; glutathione S-aryltransferase A3; glutathione S-transferase A3-3
UniProt Protein Name	Glutathione S-transferase A3
UniProt Gene Name	GSTA3
UniProt Entry Name	GSTA3_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.