

Glutathione S Transferase Alpha 2 (GSTa2) Recombinant Protein | GSTa2 recombinant protein

Recombinant Glutathione S Transferase Alpha 2 (GSTa2)

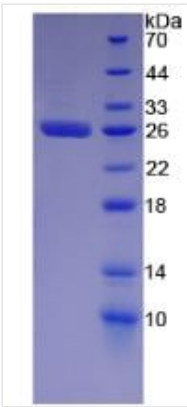
CATALOG # AAA134422	HOST E Coli	REACTIVITY Human	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glutathione S Transferase Alpha 2 (GSTa2); Recombinant Glutathione S Transferase Alpha 2 (GSTa2); GSTa2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Human
Purity/Purification	>95%
Form/Format	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300
Concentration	200ug/mL (varies by lot)
Applicable Applications for GSTa2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Phe222
Tags	N-terminal His-Tag
Tissue Specificity	Liver, Lung
Subcellular Location	Cytoplasm.
Traits	Freeze-dried powder
Predicted isoelectric point	8.5
Predicted Molecular Mass	26.9kDa
Accurate Molecular Mass	26kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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.



MAEKPKLHYS NIRGRMESIR MLLAAGVEF EEKFIKSAED LDKLRNDGYL
MFQQVPMVEI DGMKLVQTRA ILNYIASKYN LYGKDIKEKA LIDMYIEGIA
DLGEMILLP FSQPPEQDAK LALIIEKTKN RYFPAFEKVL KSHGQDYLVG
NKLSRADIDL VELLYYVEEL DSSLISSFPL LKALKTRISN LPTVKKFLQP
GSPRKPPMDE KSLEESRKIF RF

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	215276987
NCBI GeneID	2939
NCBI Accession #	NP_000837.3
NCBI GenBank Nucleotide #	NM_000846.4
UniProt Accession #	P09210; Q12759; Q16491; Q9NTY6
NCBI Official Full Name	glutathione S-transferase A2
NCBI Official Synonym Full Names	glutathione S-transferase alpha 2
NCBI Official Symbol	GSTA2
NCBI Official Synonym Symbols	GST2; GTA2; GTH2; GSTA2-2
NCBI Protein Information	glutathione S-transferase A2; GST-gamma; liver GST2; GST HA subunit 2; GST class-alpha member 2; glutathione S-aryltransferase A2; glutathione S-alkyltransferase A2; glutathione S-aralkyltransferase A2; S-(hydroxyalkyl)glutathione lyase A2
UniProt Protein Name	Glutathione S-transferase A2
UniProt Gene Name	GSTA2
UniProt Synonym Gene Names	GST2
UniProt Entry Name	GSTA2_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.