

AR51906PU-N

Mouse GSTA1 (1-223, His-tag) - Purified

Alternate names:	GST class-alpha member 1, GST-epsilon, GSTA1-1, GTH1, Glutathione S-transferase A1, HA subunit 1
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by bradford assay)
Background:	Gsta1 also known as Glutathione S-transferase, A1, belongs to a glutathione S-transferase alpha class and is the most abundantly expressed in liver. This protein functions in the detoxification of electrophilic compounds, including carcinogens, therapeutic drugs, environmental toxins and products of oxidative stress, by conjugation with glutathione.
Uniprot ID:	P13745
NCBI:	NP_032207
GeneID:	14857
Species:	Mouse
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT.
Description:	Recombinant mouse Gsta1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMAGKPV L HYFNARGRME CIRWLLAAAG VEFEEKFIQS PEDLEKLKGD GNLMDQVPM VEIDGMKLAQ TRAILNYIAT KYDLYGKDMK ERALIDMYSE GILDITEMIG QLVLCPPDQR EAKTALAKDR TKNRYLP AFE KVLKSHGQDY LVGNRLTRVD IHLLEVLLYV EEFDASLLTP FPLLKAFKSR ISSLPNVKKF LQPGSQRKPP MDAKQIQEAR KAFKIQ Molecular weight: 28 kDa (246aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Grahn, E., et al. (2006) Acta Cryst. 62 (2): 197-207.

Pictures:

