

Product datasheet for **AR50339PU-N**

GSTO2 (1-243, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	GSTO2 (1-243, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGSDATR TLGKGSQPPG PVPEGLIRIY SMRFCPYSHR TRLVLKAKDI RHEVNNINLR NKPEWYYTKH PFGHIPVLET SQCQLIYESV IACEYLDDAY PGRKLFYDP YERARQKMLL ELFCKVPHLT KECLVALRCG RECTNLKAAL RQEFNLEEI LEYQNTTFFG GTCISMIDYL LWPWFERLDV YGILDVCSHT PALRLWISAM KWDPTVCALL MDKSIFQGFL NLYFQNNPNA FDFGLC
Tag:	His-tag
Predicted MW:	30.6 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 1 mM DTT, 40% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GSTO2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001177942
Locus ID:	119391
UniProt ID:	Q9H4Y5
Cytogenetics:	10q25.1
Synonyms:	Glutathione S-transferase omega-2



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Summary: The protein encoded by this gene is an omega class glutathione S-transferase (GST). GSTs are involved in the metabolism of xenobiotics and carcinogens. Four transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2010]

Protein Pathways: Drug metabolism - cytochrome P450, Glutathione metabolism, Metabolism of xenobiotics by cytochrome P450

Product images:

