

## Glutathione S-Transferase Omega 2 Human Recombinant

<b>Item Number</b>	rAP-2003
<b>Synonyms</b>	Glutathione S-transferase omega-2, GSTO-2, Glutathione S-transferase omega 2-2, GSTO 2-2, Glutathione-dependent dehydroascorbate reductase, Monomethylarsonic acid reductase, MMA(V) reductase, GSTO2, bA127L20.1.
<b>Description</b>	GSTO2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 266 amino acids (1-243) and having a molecular mass of 30.6kDa.GSTO2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9H4Y5
<b>Amino Acid Sequence</b>	MGSSHHHHH SSSLVPRGSH MGSMGDATR TLGKGSQPPG PVPEGLIRIY SMRFCPYSHR TRLVLKAKDI RHEVNVNINLR NKPEWYYTKH PFGHIPVLET SQCQLIYESV IACEYLDDAY PGRKLFYYP YERARQKMLL ELFCVKPHLT KECLVALRCG RECTNLKAAL RQEFNSLEEI LEYQNTTFFG GTCISMIDYL LWPWFERLDV YGILDVCSHT PALRLWISAM KWDPTVCALL MDKSIFQGFL NLYFQNNPNA FDFGLC.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The GSTO2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 40% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**