

RPPB1772

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## Product Information    Protein Information

**Product SKU:**

RPPB1772

**Accession:**

Q9H4Y5

**Host:**

Escherichia Coli.

**Protein description:**

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.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

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.

**Formulation:**

The GSTO2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 40% glycerol.

**Purity:**

Greater than 85.0% as determined by SDS-PAGE.

**Stability:**

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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMGDATR TLGKGSQPPG PVPEGLIRIY SMRFCPYSHR TRLVLKAKDI  
RHEVNVNINLR NKPEWYYTKH PFGHIPVLET SQCQLIYESV IACEYLDDAY PGRKLFYDP YERARQKMLL  
ELFCKVPHLT KECLVALRCG RECTNLKAAL RQEFNSLEEI LEYQNTTFFG GTCISMIDYL LWPWFERLDV  
YGILDCVSHT PALRLWISAM KWDPTVCALL MDKSIFQGFL NLYFQNNPNA FDFGLC.