

GSTO1, Human Recombinant

CATALOG NO: P1574-10 10 µg
P1574-50 50 µg

ALTERNATE NAMES: Glutathione S-transferase omega-1, GSTO 1-1, MMA(V) reductase

MOL. WT. 27.5 kDa

SOURCE: E. coli

PURITY: >95% SDS - PAGE

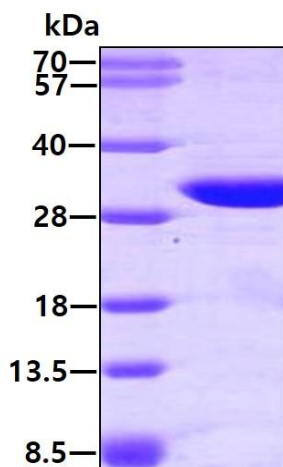
FORM: Liquid

FORMULATION: in 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT 10% glycerol

STORAGE CONDITIONS: Store at 4°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION: GSTO1, also known as p28 or GSTTLp28, is a protein that localizes to the cytoplasm and contains both an N-terminal and a C-terminal GST domain. In mouse, the encoded protein acts as a small stress response protein, likely involved in cellular redox homeostasis. This protein has dehydroascorbate reductase activity and may function in the glutathione-ascorbate cycle as part of antioxidant metabolism. Recombinant human GSTO1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

AMINO ACID SEQUENCE: aa 1-241



3 µg by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

RELATED PRODUCTS:

- GSTM3, human recombinant (7801)
- Mouse Recombinant GSTMu 1 (6348)
- Mouse Recombinant GSTM 1 (6349)
- Human Recombinant GSTM 2 (6350)

FOR RESEARCH USE ONLY! Not to be used on humans.