

Recombinant Full Length Human GSTO1 Protein, GST-tagged

Cat. No. GSTO1-3365HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GSTO1 full-length ORF (NP_004823.1, 1 a.a. - 241 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	241 amino acids
Description	This gene encodes a member of the theta class glutathione S-transferase-like (GSTTL) protein family. In mouse, the encoded protein acts as a small stress response protein, likely involved in cellular redox homeostasis. [provided by RefSeq]
Molecular Mass	54 kDa
AA Sequence	MSGESARSLGKGSAPPGPVPEGSIRIYSMRFCPFAERTRLVLKAKGIRHEVININLKN KPEWFFKKNPFGLVPVLENSQGGQLIYESAITCEYLDEAYPGKKLLPDDPYEKACQKM ILELFSKVPSLVGSFIRSQNKEDYAGLKEEFRKEFTKLEEVLTNKKTTFFGGNSISMID YLIWPWFERLEAMKLNEDVDHTPKLKLWMAAMKEDPTVSALLTSEKDWQGFLELYL QNSPEACDYGL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GSTO1 glutathione S-transferase omega 1 [Homo sapiens]
Official Symbol	GSTO1
Synonyms	GSTO1; glutathione S-transferase omega 1; glutathione S-transferase omega-1; GSTTLp28; P28; GSTO-1; MMA(V) reductase; glutathione-S-transferase like; monomethylarsonic acid reductase; S-(Phenacyl)glutathione reductase; glutathione S-transferase omega 1-1; glutathione-dependent dehydroascorbate reductase; SPG-R; GSTO 1-1; DKFZp686H13163;
Gene ID	9446
mRNA Refseq	NM_001191002
Protein Refseq	NP_001177931
MIM	605482
UniProt ID	P78417

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