OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP308961M

GSTO2 (NM_183239) Human Recombinant Protein

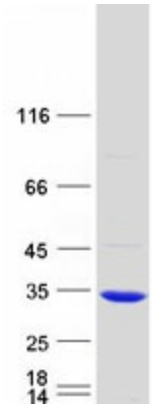
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human glutathione S-transferase omega 2 (GSTO2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208961 protein sequence Red=Cloning site Green=Tags(s) MSGDATRTLGKGSQPPGPVPEGLIRIYSMRFCPYSHRTRLVLKAKDIRHEVVNINLRNKPEWYYTKHPFG HIPVLETSQCQLIYESVIACEYLDDAYPGRKLFPYDPYERARQKMLLELFCKVPHLTKECLVALRCGREC TNLKAALRQEFSNLEEILEYQNTTFFGGTCISMIDYLLWPWFERLDVYGILDCVSHTPALRLWISAMKWD PTVCALLMDKSIFQGFLNLYFQNNPNAFDFGLC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	28.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_899062
Locus ID:	119391
UniProt ID:	Q9H4Y5

View online »

RefSeq Size:	1546
Cytogenetics:	10q25.1
RefSeq ORF:	729
Synonyms:	bA127L20.1; GSTO 2-2
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:



Coomassie blue staining of purified GSTO2 protein (Cat# [TP308961]). The protein was produced from HEK293T cells transfected with GSTO2 cDNA clone (Cat# [RC208961]) using MegaTran 2.0 (Cat# [TT210002]).