

Product datasheet for **TP308961**

GSTO2 (NM_183239) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human glutathione S-transferase omega 2 (GSTO2), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC208961 protein sequence
Red=Cloning site **Green**=Tags(s)

MSGDATRTLKGKGSQPPGPVPEGLIRIYSMRFPCYSHRTRLVLKAKDIRHEVNVNINLRNKPEWYYTKHPFG
HIPVLETSQCQLIYESVIACEYLDDAYPGRKLPYDPYERARQKMLLELFCKVPHLTKECLVALRCGREG
TNLKAALRQEFNSNLEEILEYQNTTFFGGTCISMIDYLLWPWFERLDVYGILDCVSHTPALRLWISAMKWD
PTVCALLMDKSIFQGFNLNYFQNNPNAFDGLC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

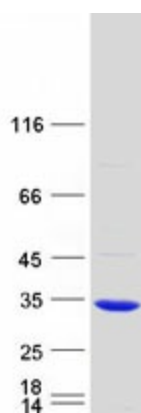
Tag: C-Myc/DDK
Predicted MW: 28.1 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity 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](#)



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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]).