

## Product datasheet for **TP308961L**

### **GSTO2 (NM\_183239) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human glutathione S-transferase omega 2 (GSTO2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208961 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSGDATRTLKGKGSQPPGPVPEGLIRIYSMRFCPYSHRTRLVLKAKDIRHEVNVNINLRNKPEWYYTKHPFG  
HIPVLETSQCQLIYESVIACEYLDDAYPGRKLPYDPYERARQKMLLELFCKVPHLTKECLVALRCGREG  
TNLKAALRQEFNLEEILEYQNTTFFGGTCISMIDYLLWPWFERLDVYGILDCVSHTPALRLWISAMKWD  
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:	<u><a href="#">NP_899062</a></u>
Locus ID:	119391
UniProt ID:	<u><a href="#">Q9H4Y5</a></u>



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RefSeq Size: 1546

Cytogenetics: 10q25.1

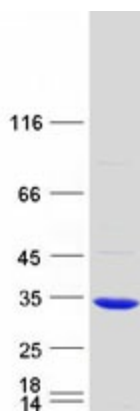
RefSeq ORF: 729

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]).