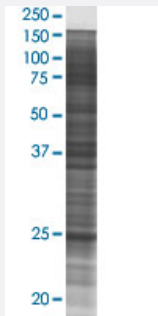


# GSTO1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009446-T02

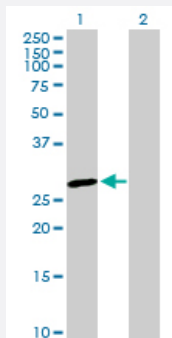
Size 100 uL

## Applications



### SDS-PAGE Gel

GSTO1 transfected lysate.



### Western Blot

Lane 1: GSTO1 transfected lysate ( 27.60 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                        |
|-------------------------------|------------------------|
| Transfected Cell Line         | 293T                   |
| Plasmid                       | pCMV-GSTO1 full-length |
| Host                          | Human                  |
| Theoretical MW (kDa)          | 27.6                   |
| Interspecies Antigen Sequence | Mouse (72); Rat (77)   |

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GSTO1 antibody ([H00009446-D01P](#)) by Western Blots.  
SDS-PAGE Gel  
GSTO1 transfected lysate.  
Western Blot  
Lane 1: GSTO1 transfected lysate ( 27.60 KDa)  
Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — GSTO1

## Entrez GeneID

[9446](#)

## GeneBank Accession#

[NM\\_004832.1](#)

## Protein Accession#

[NP\\_004823.1](#)

## Gene Name

GSTO1

## Gene Alias

DKFZp686H13163, GSTTLp28, P28

## Gene Description

glutathione S-transferase omega 1

## Omim ID

[605482](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

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]

## Other Designations

OTTHUMP00000020429|glutathione S-transferase omega 1-1|glutathione transferase omega 1|glutathione-S-transferase like|glutathione-S-transferase omega 1

## Pathway

- [Drug metabolism - cytochrome P450](#)
- [Glutathione metabolism](#)
- [Metabolism of xenobiotics by cytochrome P450](#)

## Disease

- [Adenoma](#)
- [Alzheimer disease](#)
- [Amphetamine-Related Disorders](#)
- [Amyotrophic lateral sclerosis](#)
- [Arsenic Poisoning](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bile Duct Neoplasms](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Accident](#)
- [Cholangiocarcinoma](#)
- [Cognition](#)
- [Dementia](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [DNA Damage](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Hyperlipoproteinemia Type II](#)
- [Intracranial Aneurysm](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Failure](#)
- [Kidney Neoplasms](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Parkinson disease](#)
- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Skin Diseases](#)
- [Thyroid Neoplasms](#)
- [Thyroid Nodule](#)
- [Ureteral Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Urologic Neoplasms](#)