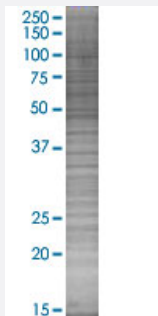


GSTT2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002953-T02

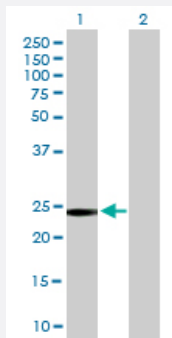
Size 100 uL

Applications



SDS-PAGE Gel

GSTT2 transfected lysate.



Western Blot

Lane 1: GSTT2 transfected lysate (27.5 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-GSTT2 full-length

Host Human

Theoretical MW (kDa) 27.5

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GSTT2 antibody ([H00002953-B01P](#)) by Western Blots.
SDS-PAGE Gel
GSTT2 transfected lysate.
Western Blot
Lane 1: GSTT2 transfected lysate (27.5 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 — GSTT2

Entrez GeneID[2953](#)**GeneBank Accession#**[NM_000854.2](#)**Protein Accession#**[NP_000845.1](#)**Gene Name**

GSTT2

Gene Alias

MGC182032

Gene Description

glutathione S-transferase theta 2

Omim ID[600437](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Glutathione S-transferase (GSTs) theta 2 (GSTT2) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: Alpha, Mu, Pi, Theta, and Zeta. The theta class members GSTT1 and GSTT2 share 55% amino acid sequence identity and both are thought to have an important role in human carcinogenesis. The theta genes have a similar structure, being composed of five exons with identical exon/intron boundaries. [provided by RefSeq]

Other Designations

-

Pathway

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

Disease

- [Amphetamine-Related Disorders](#)
- [Carcinoma](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [DNA Damage](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
- [Helicobacter Infections](#)
- [Infection](#)
- [Inflammation](#)
- [Laryngeal Neoplasms](#)
- [Lung Neoplasms](#)
- [Mesothelioma](#)
- [Mouth Neoplasms](#)
- [Neoplasms](#)
- [Pharyngeal Neoplasms](#)
- [Pleural Neoplasms](#)
- [Premature Birth](#)
- [Prenatal Exposure Delayed Effects](#)
- [Recurrence](#)
- [Schizophrenia](#)