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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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GSTZ1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00002954-T01

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

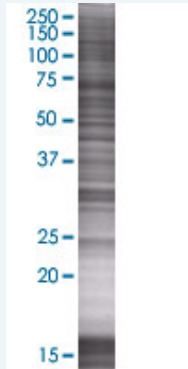
Plasmid: pCMV-GSTZ1 full-length

Host: Human

Theoretical MW (kDa): 23.87

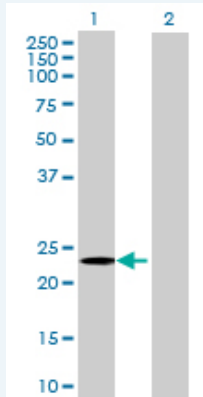
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-GSTZ1 antibody ([H00002954-B01](#)) by Western Blots.

SDS-PAGE Gel



GSTZ1 transfected lysate.

Western Blot



Lane 1: GSTZ1 transfected lysate (23.87 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.

MSDS:  [Download](#)

Applications

Western Blot

Gene Information

Entrez GeneID: [2954](#)

GeneBank [NM_145870.1](#)
Accession#:

Protein [NP_665877.1](#)
Accession#:

Gene Name: GSTZ1

Gene Alias: GSTZ1-1,MAAI,MAI,MGC2029

Gene Description: glutathione transferase zeta 1

Omim ID: [603758](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene is a member of the glutathione S-transferase (GSTs) superfamily which encodes multifunctional enzymes important in the detoxification of electrophilic molecules, including carcinogens, mutagens, and several therapeutic drugs, by conjugation with glutathione. This enzyme also plays a significant role in the catabolism of phenylalanine and tyrosine. Thus defects in this enzyme may lead to severe metabolic disorders including alkaptonuria, phenylketonuria and tyrosinaemia. Several transcript variants of this gene encode multiple protein isoforms. [provided by RefSeq]

Other Designations: S-(hydroxyalkyl)glutathione lyase,glutathione S-alkyltransferase,glutathione S-aralkyltransferase,glutathione S-aryltransferase,glutathione s-transferase Zeta 1,maleylacetoacetate isomerase,maleylacetone isomerase

Gene Pathway

[Drug metabolism - cytochrome P450](#) [Glutathione metabolism](#) [Metabolic pathways](#)
[Metabolism of xenobiotics by cytochrome P450](#) [Styrene degradation](#) [Tyrosine metabolism](#)

Related Disease

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