

GSTA5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00221357-T02

Size 100 uL

Applications

SDS-PAGE Gel

GSTA5 transfected lysate.

□

Western Blot

Lane 1: GSTA5 transfected lysate (24.42 KDa)

Lane 2: Non-transfected lysate.

□

Specification

Transfected Cell Line 293T

Plasmid pCMV-GSTA5 full-length

Host Human

Theoretical MW (kDa) 24.42

Quality Control Testing Transient overexpression cell lysate was tested with Anti-GSTA5 antibody ([H00221357-D01P](#)) by Western Blots.
SDS-PAGE Gel
GSTA5 transfected lysate.
Western Blot
Lane 1: GSTA5 transfected lysate (24.42 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 — GSTA5

Entrez GeneID[221357](#)**GeneBank Accession#**[BC148816](#)**Protein Accession#**[AA48817.1](#)**Gene Name**

GSTA5

Gene Alias

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Gene Description

glutathione S-transferase alpha 5

Omim ID[607605](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The glutathione S-transferases (GST; EC 2.5.1.18) catalyze the conjugation of reduced glutathione and a variety of electrophiles, including many known carcinogens and mutagens. The cytosolic GSTs belong to a large superfamily, with members located on different chromosomes. For additional information on GSTs, see GSTA1 (MIM 138359).[supplied by OMIM]

Other Designations

OTTHUMP00000016610|glutathione S-transferase A5|glutathione transferase A5

Pathway

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

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)