

# Recombinant Human GSTA1 Protein, Ala2-Phe222, N-His tagged

**Cat. No.** GSTA1-009H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTA1 Protein (Ala2-Phe222) with N-His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala2-Phe222
<b>Description</b>	Glutathione S-Transferase A1 (GSTA1) is a member of a family of enzymes that play a role in detoxification through the conjugation of glutathione. GSTA1 is the most expressed GST in the liver and is thought to be crucial to systemic detoxification.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	Predicted Molecular Mass: 27.5 kDa SDS-PAGE: 26.5 kDa
<b>Purity</b>	> 95% as analyzed by SDS-PAGE
<b>Applications</b>	ELISA and Western Blot Analysis
<b>Notes</b>	For Research Use Only.

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<b>Storage</b>	2 years at -20 to -80 centigrade as supplied. 1 month at 4 centigrade after reconstitution with preservative. 1 year at -20 to -80 centigrade after reconstitution.
<b>Storage Buffer</b>	Lyophilized from 1xPBS with Trelahose
<b>Shipping</b>	Ambient
<b>Reconstitution</b>	Reconstitute at 100 µg/mL in sterile PBS containing at least 0.1% protein

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GSTA1 glutathione S-transferase alpha 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">GSTA1</a>
<b>Synonyms</b>	GSTA1; glutathione S-transferase alpha 1; glutathione S transferase A1; glutathione S-transferase A1; GST-epsilon; GST HA subunit 1; GST, class alpha, 1; GST class-alpha member 1; glutathione S-transferase 2; glutathione S-aryltransferase A1; glutathione S-alkyltransferase A1; S-(hydroxyalkyl)glutathione lyase A1; glutathione S-transferase Ha subunit 1; GST2; GTH1; GSTA1-1; MGC131939
<b>Gene ID</b>	<a href="#">2938</a>
<b>mRNA Refseq</b>	<a href="#">NM_145740</a>
<b>Protein Refseq</b>	<a href="#">NP_665683</a>
<b>MIM</b>	<a href="#">138359</a>
<b>UniProt ID</b>	<a href="#">P08263</a>

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**GSTA1 (2.5 µg) on a  
Coomassie stained  
4-12% SDS-PAGE  
gel, reducing  
conditions**



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