

## Recombinant Human GSTA4, His-tagged

Cat. No. GSTA4-13572H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTA4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-222a.a.
<b>Description</b>	This gene encodes one of the two pyridoxal enzymes which catalyze a reversible transamination reaction to yield glutamate and pyruvate so these enzymes participate in amino acid metabolism and gluconeogenesis. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Source</b>	E.coli
<b>Species</b>	Human
<b>Tag</b>	His
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GSTA4 glutathione S-transferase alpha 4 [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">GSTA4</a>
<b>Synonyms</b>	GSTA4; glutathione S-transferase alpha 4; glutathione S transferase A4; glutathione S-transferase A4; GST class-alpha member 4; glutathione transferase A4-4; glutathione S-transferase A4-4; glutathione S-aryltransferase A4; glutathione S-alkyltransferase A4; glutathione S-aralkyltransferase A4; S-(hydroxyalkyl)glutathione lyase A4; GTA4; GSTA4-4; DKFZp686D21185;
<b>Gene ID</b>	<a href="#">2941</a>
<b>mRNA Refseq</b>	<a href="#">NM_001512</a>
<b>Protein Refseq</b>	<a href="#">NP_001503</a>
<b>MIM</b>	<a href="#">605450</a>
<b>UniProt ID</b>	<a href="#">O15217</a>
<b>Chromosome Location</b>	6p12.2
<b>Pathway</b>	Biological oxidations, organism-specific biosystem; Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Glutathione conjugation, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolism, organism-specific biosystem;

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**Function**

glutathione transferase activity; glutathione transferase activity; glutathione transferase activity; protein homodimerization activity; transferase activity;

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