

## Recombinant Human GSTA2 protein, GST-tagged

Cat. No. GSTA2-13570H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTA2 protein(1-222 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-222 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
<b>AASequence</b>	MAEKPKLHYSNIRGRMESIRWLLAAAGVEFEEKFIKSAEDLDKLRNDGYLMFQQVP MVEIDGMKLVQTRAILNYIASKYNLYGKDIKEKALIDMYIEGIADLGEMILLLPFTQPEE QDAKLALIQEKTKNRYFPAPFEKVLKSHGQDYLVGNKLSRADIHLVELLYYVEELDSSLI SSFPLLKALKTRISNLPTVKKFLQPGSPRKPPMDEKSLEESRKIFRF
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION**
**Gene Name**

GSTA2 glutathione S-transferase alpha 2 [ Homo sapiens ]

**Official Symbol**

GSTA2

**Synonyms**

GSTA2; glutathione S-transferase alpha 2; glutathione S transferase A2 , GST2; glutathione S-transferase A2; GST-gamma; liver GST2; GST HA subunit 2; GST class-alpha member 2; glutathione S-aryltransferase A2; glutathione S-alkyltransferase A2; glutathione S-aralkyltransferase A2; S-(hydroxyalkyl)glutathione lyase A2; GST2; GTA2; GTH2; GSTA2-2; MGC10525;

**Gene ID**

2939

**mRNA Refseq**

NM\_000846

**Protein Refseq**

NP\_000837

**MIM**

138360

**UniProt ID**

P09210

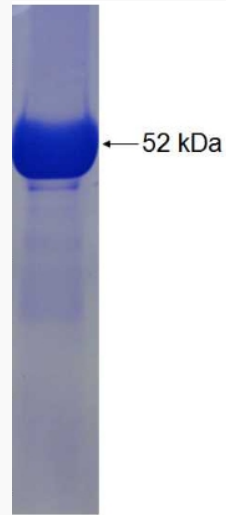
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SDS-PAGE



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