

Recombinant Human GSTA2 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GSTA2 protein(1-222 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-222 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 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).
AASequence	MAEKPKLHYSNIRGRMESIRWLLAAAGVEFEKFIKSAEDLDKLRNDGYLMFQQVP MVEIDGMKLVQTRAILNYIASKYNLYGKDIKEKALIDMYIEGIADLGEMILLLPFTQPEE QDAKLALIQEKTKNRYFPFAFEKVLKSHGQDYLVGNNKLSRADIHLVELLYYVEELDSSLI SSFPLLKALKTRISNLPTVKKFLQPGSPRKPPMDEKSLEESRKIFRF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

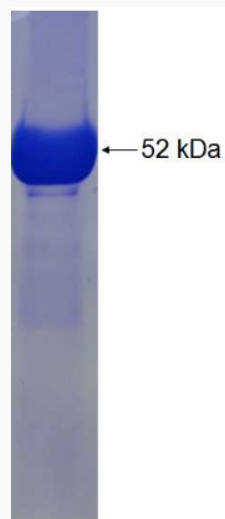
MIM [138360](#)

UniProt ID [P09210](#)

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SDS-PAGE

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