

Recombinant Human GSTA3 protein, GST-tagged

Cat. No. GSTA3-242H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSTA3 protein(NP_000838)(1-222 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-222 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MAGKPKLHYFNNGRGRMEPIRWLLAAAGVEFEEKFIGSAEDLGKLRNDGSLMFQQVP MVEIDGIKLVQTRAILNYIASKYNLYGKDIKERALIDMYTEGMADLNEMILLPLCRPEE KDAKIALIKEKTKSRYFPFAFEKVLQSHGQDYLVGKLSRADISLVELLYYVEELDSSLI SNFPLLKALKTRISNLTPTVKKFLQPGSPRKPPADAKALEEARKIFRF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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

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

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

GENE INFORMATION

Gene Name	GSTA3 glutathione S-transferase alpha 3 [Homo sapiens]
Official Symbol	GSTA3
Synonyms	GSTA3; glutathione S-transferase alpha 3; glutathione S transferase A3; glutathione S-transferase A3; GST class-alpha member 3; glutathione S-transferase A3-3; glutathione S-aryltransferase A3; glutathione S-alkyltransferase A3; glutathione S-aralkyltransferase A3; S-(hydroxyalkyl)glutathione lyase A3; GTA3; GSTA3-3; MGC22232;
Gene ID	2940
mRNA Refseq	NM_000847
Protein Refseq	NP_000838
MIM	605449
UniProt ID	Q16772

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SDS-PAGE

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