

## Recombinant Human GSTM3 protein, His-tagged

Cat. No. GSTM3-3402H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTM3 protein(1-225 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-225 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	MSCSSMVLGYWDIRGLAHAIRLLLEFTDTSYEEKRYTCGEAPDYDRSQWLVDVKFK LDLDFPNLPYLLDGKNKITQSNAILRYIARKHNMCGETEEEEKIRVDIIENQVMDFRTQLI RLCYSSDHEKLPQYLEELPGQLKQFSMFLGKFSWFAGEKLTFFVDFLTVDILDQNR FDPKCLDEFPNLKAFMCRFEALEKIAAYLQSDQFCKMPINNMAQWGNKPVC
<b>Purity</b>	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**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.

## GENE INFORMATION

**Gene Name** [GSTM3 glutathione S-transferase mu 3 \(brain\) \[ Homo sapiens \]](#)

**Official Symbol** [GSTM3](#)

**Synonyms**

GSTM3; glutathione S-transferase mu 3 (brain); glutathione S transferase M3 (brain); glutathione S-transferase Mu 3; GST5; hGSTM3-3; brain GST; GST class-mu 3; glutathione S-transferase, Mu-3; glutathione S-aryltransferase M3; glutathione S-alkyltransferase M3; glutathione S-aralkyltransferase M3; S-(hydroxyalkyl)glutathione lyase M3; glutathione S-transferase M3 (brain); brain type mu-glutathione S-transferase; GSTB; GTM3; GSTM3-3; MGC3310; MGC3704;

**Gene ID** [2947](#)

**mRNA Refseq** [NM\\_000849](#)

**Protein Refseq** [NP\\_000840](#)

**MIM** [138390](#)

**UniProt ID** [P21266](#)

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