

Recombinant Human GSTM3 protein, GST-tagged

Cat. No. GSTM3-301608H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSTM3 (1-225 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Cys225
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MSCESSMVLGYWDIRGLAHAIRLLLEFTDTSYEEKRYTCGEAPDYDRSQWLDVKFK LDLDFPNLPYLLDGKNKITQSNAILRYIARKHNMCGETEEEEKIRVDIIENQVMDFRTQLI RLCYSSDHEKLPQYLEELPGQLKQFSMFLGKFSWFAGEKLTFFVDFLTVDILDQNR IDPKCLDEFPNLKAFMCRFEALEKIAAYLQSDQFCKMPINNKKMAQWGNKPVC
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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

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cycles.

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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