# Recombinant Human GSTM3 protein, GST-tagged

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

## SPECIFICATION

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| **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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. |
| **AA Sequence** | MSCESSMVLGYWDIRGLAHAIRLLLEFTDTSYEEKRYTCGEAPDYDRSQWLDVKFK LDLDFPNLPYLLDGKNKITQSNAILRYIARKHNMCGETEEEKIRVDIIENQVMDFRTQLI RLCYSSDHEKLKPQYLEELPGQLKQFSMFLGKFSWFAGEKLTFVDFLTYDILDQNRI FDPKCLDEFPNLKAFMCRFEALEKIAAYLQSDQFCKMPINNKMAQWGNKPVC |
| **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).<br>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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## GENE INFORMATION

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| **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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