

## Recombinant Human GSTM5 protein, His-tagged

Cat. No. GSTM5-300H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTM5 protein(AAH58881.1)(Met1-Lys218), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Lys218
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant human GSTM5 consists of 236 amino acids and predicts a molecular mass of 27.9 KDa. It migrates as an approximately 30 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

<b>Gene Name</b>	GSTM5 glutathione S-transferase mu 5 [ Homo sapiens ]
<b>Official Symbol</b>	GSTM5
<b>Synonyms</b>	GSTM5; glutathione S-transferase mu 5; glutathione S transferase M5; glutathione S-transferase Mu 5; GST class-mu 5; glutathione S-transferase M5; glutathione S-aryltransferase M5; glutathione S-alkyltransferase M5; glutathione S-aralkyltransferase M5; S-(hydroxyalkyl)glutathione lyase M5; GTM5; GSTM5-5;
<b>Gene ID</b>	2949
<b>mRNA Refseq</b>	NM_000851
<b>Protein Refseq</b>	NP_000842
<b>MIM</b>	138385
<b>UniProt ID</b>	P46439

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