

Recombinant Human GSTM5 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GSTM5 protein(AAH58881.1)(Met1-Lys218), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys218
Form	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.
Molecular Mass	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.
Purity	> 85 % as determined by SDS-PAGE
Storage	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.
Reconstitution	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

Gene Name	GSTM5 glutathione S-transferase mu 5 [Homo sapiens]
Official Symbol	GSTM5
Synonyms	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;
Gene ID	2949
mRNA Refseq	NM_000851
Protein Refseq	NP_000842
MIM	138385
UniProt ID	P46439

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