

Active Recombinant Human GSTM1 Protein

Cat. No. GSTM1-23H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GSTM1 Protein (Met1-Lys218) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-218 a.a.
Form	Liquid
Bio-activity	Measured by the conjugation of reduced glutathione to 1-bromo-2,4-dinitrobenzene. The specific activity is >20,000 pmol/min/μg.
Molecular Mass	26 kDa
Endotoxin	<1.0 EU per 1 μg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions
Storage	Avoid repeated freeze-thaw cycles. 6 months from date of receipt, -70 centigrade as supplied. 3 months, -70 centigrade under sterile conditions after opening.
Storage Buffer	0.2 μm Filtered solution in Tris, NaCl, DTT and Glycerol

GENE INFORMATION

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Gene Name	GSTM1 glutathione S-transferase mu 1 [Homo sapiens]
Official Symbol	GSTM1
Synonyms	GSTM1; glutathione S-transferase mu 1; glutathione S transferase M1 , GST1; glutathione S-transferase Mu 1; H B; MU; HB subunit 4; GST class-mu 1; GST HB subunit 4; glutathione S-transferase M1; glutathione S-aryltransferase; glutathione S-alkyltransferase; glutathione S-aralkyltransferase; S-(hydroxyalkyl)glutathione lyase; H-B; GST1; GTH4; GTM1; MU-1; GSTM1-1; GSTM1a-1a; GSTM1b-1b; MGC26563;
Gene ID	2944
mRNA Refseq	NM_000561
Protein Refseq	NP_000552
MIM	138350
UniProt ID	P09488