

Recombinant Mouse Gstm1 Protein

Cat. No. Gstm1-7220M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse GSTM1 protein without tag was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	1-218
Description	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles.
Form	Liquid
Molecular Mass	25.9 kDa
AA Sequence	MPMILGYWNVRGLTHPIRMLLEYTDSSYDEKRYTMGDAPDFDRSQWLNEKFKLGLD FPNLPYLIDGSHKITQSNAILRYLARKHHLDGETEEERIRADIVENQVMDTRMQLIMLC YNPDFEKQKPEFLKTIPEKMKLYSEFLGKRPWFAGDKVTYVDFLAYDILDQYRMFEP KCLDAFPNLRDFLARFEGLKKISAYMKSSRYIATPIFSKMAHWSNK
Endotoxin	< 1.0 EU/μg of protein (determined by LAL method)
Purity	> 95 % by SDS-PAGE

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Stability	Shelf life: one year from despatch.
Storage	Store undiluted at 2-8 centigrade for up to two weeks or (in aliquots) at -20 or -70 centigrade for longer. Avoid repeated freezing and thawing.
Concentration	1.0 mg/mL (determined by Bradford assay)
Storage Buffer	PBS (pH 7.4) containing 5 mM glutathione

GENE INFORMATION

Gene Name	Gstm1 glutathione S-transferase, mu 1 [Mus musculus (house mouse)]
Official Symbol	Gstm1
Synonyms	Gstm1; glutathione S-transferase, mu 1; Gstb; Gstb-; Gstb1; Gstb-1; glutathione S-transferase Mu 1; GST 1-1; GST class-mu 1; glutathione S-transferase GT8.7; pmGT10; EC 2.5.1.18
Gene ID	14862
mRNA Refseq	NM_010358
Protein Refseq	NP_034488
UniProt ID	P10649

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