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Datasheet

Gstm1 (Mouse) Recombinant Protein

Catalog Number: P4334

Regulation Status: For research use only (RUO)

Product Description: Mouse Gstm1 (NP_034488, 1 a.a. - 218 a.a.) full-length recombinant protein expressed in *Escherichia coli*.

Sequence:
MPMILGYWNVRGLTHPIRMLLEYTDSSYDEKRYTMGD
APDFDRSQWLNEKFKLGLDFPNLPYLIDGSHKITQSNA
ILRYLARKHHLDGETEEERIRADIVENQVMDTRMQLIM
LCYNPDFEKQKPEFLKTIPEKMKLYSEFLGKRPWFAG
DKVTYVDFLAYDILDQYRMFEPKCLDAFPNLRDFLARF
EGLKKISAYMKSSRYIATPIFSKMAHWSNK

Host: Escherichia coli

Theoretical MW (kDa): 25.9

Applications: Func, SDS-PAGE
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purification: Conventional Chromatography

Concentration: 1 mg/mL

Purity: > 95% by SDS-PAGE

Endotoxin Level: < 1.0 EU per 1 microgram of protein

Activity: Specific activity is 3 units/mg, and is defined as the amount of enzyme that conjugate 1.0 umole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C.

Storage Buffer: In PBS, pH 7.4 (5 mM glutathione).

Storage Instruction: Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 14862

Gene Symbol: Gstm1

Gene Alias: Gstb-1, Gstb1