

Bioactive

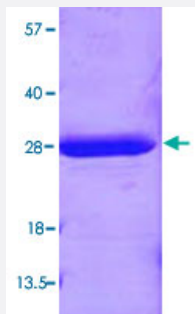
Full-Length

## Gstm1 (Mouse) Recombinant Protein

Catalog # P4334

Size 100 ug

### Applications



### Specification

#### Product Description

Mouse Gstm1 (NP\_034488, 1 a.a. - 218 a.a.) full-length recombinant protein expressed in *Escherichia coli*.

#### Sequence

MPMILGYWNVRLTHPIRMLLEYTDSSYDEKRYTMGDAPDFDRSQWLNEKFKLGLDFPNLPYLID  
GSHKITQSNAILRYLARKHHLDGETEEERIRADIVENQVMDTRMQLIMLCYNPDFEKQKPEFLKTIPE  
KMKLYSEFLGKRPWFAGDKVTYVDLAYDILDQYRMFEPKCLDAFPNLRDFLARFEGGLKKISAYM  
KSSRYIATPIFSKMAHWSNK

#### Host

Escherichia coli

#### Theoretical MW (kDa)

25.9

#### 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

<b>Activity</b>	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.
<b>Quality Control Testing</b>	15% SDS-PAGE Stained with Coomassie Blue
<b>Storage Buffer</b>	In PBS, pH 7.4 (5 mM glutathione).
<b>Storage Instruction</b>	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.

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — Gstm1

<b>Entrez GeneID</b>	<a href="#">14862</a>
<b>Protein Accession#</b>	<a href="#">NP_034488</a>
<b>Gene Name</b>	Gstm1
<b>Gene Alias</b>	Gstb-1, Gstb1
<b>Gene Description</b>	glutathione S-transferase, mu 1
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	O
<b>Other Designations</b>	OTTMUSP00000007628 glutathione S-transferase mu 1 glutathione-S-transferase, mu 1