

Recombinant Rat Gstm1 protein, His-tagged

Cat. No. Gstm1-567R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gstm1 (P04905) aa. (Met1~Lys218) fused with His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys218
Description	A multifunctional enzyme thought to have scavenger function; able to neutralize harmful metabolites from foreign substances.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.2kDa; Accurate Molecular Mass: 27kDa as determined by SDS-PAGE reducing conditions.
Purity	>95%
Characteristic	Isoelectric point is 8.3.
Applications	Cell culture; Activity Assays.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name

[Gstm1 glutathione S-transferase mu 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Gstm1](#)

Synonyms

Gstm1; glutathione S-transferase mu 1; GSTA3; glutathione S-transferase Mu 1; GST 3-3; GST Yb1; GSTM1-1; glutathione S-transferase M1; glutathione S-transferase Yb-1 subunit; glutathione-S-transferase, mu type 1 (Yb1)

Gene ID

[24423](#)

mRNA Refseq

[NM_017014.1](#)

Protein Refseq

[NP_058710.1](#)

UniProt ID

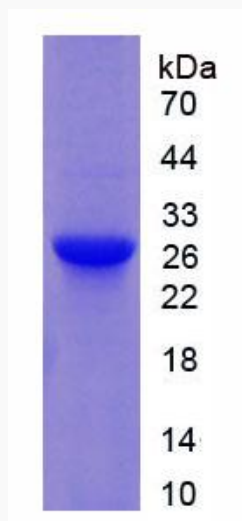
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SDS-PAGE



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