

Recombinant Mouse Gstm4 Protein, His-tagged

Cat. No. Gstm4-1604M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gstm4 Protein (Ser16-Arg206) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser16-Arg206
Description	Enables glutathione transferase activity. Acts upstream of or within nitrobenzene metabolic process and xenobiotic catabolic process. Predicted to be located in cytosol and intercellular bridge. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; integumental system; and nose. Orthologous to human GSTM4 (glutathione S-transferase mu 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.3 kDa Accurate Molecular Mass: 26 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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

[Gstm4 glutathione S-transferase, mu 4 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Gstm4](#)

Synonyms

GSTM4; glutathione S-transferase, mu 4; glutathione S-transferase mu 4; glutathione-S-transferase, mu 4; Gstb4; Gstb-4; GSTM7-7; 1110004G14Rik; MGC40906;

Gene ID

[14865](#)

mRNA Refseq

[NM_001160411](#)

Protein Refseq

[NP_001153883](#)

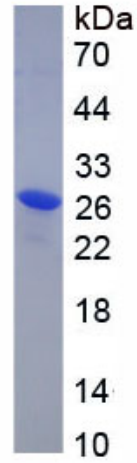
UniProt ID

[A2AE91](#)

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