

Recombinant Rat Gstm2 protein, His-tagged

Cat. No. Gstm2-736R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gstm2 aa. (Met1~Lys218 (Accession # P08010)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys218
Description	Subunit of glutathione S-transferase, which may play a role in xenobiotic metabolism and response to oxidative stress.
Form	Freeze-dried powder
Molecular Mass	26 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.2.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Storage buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[Gstm2 glutathione S-transferase mu 2 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Gstm2](#)

Synonyms

GSTA4; GST 4-4; GST Yb2; GSTM2-2; Glutathione-S-transferase, mu type 2 (Yb2); glutathione S-transferase M2; glutathione S-transferase Yb-2; glutathione S-transferase Yb2 subunit; glutathione S-transferase Mu 2

Gene ID

[24424](#)

mRNA Refseq

[NM_177426.1](#)

Protein Refseq

[NP_803175.1](#)

UniProt ID

[P08010](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA