

Recombinant Rat Gsta1 protein, His-tagged

Cat. No. Gsta1-2655R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gsta1 aa. (Ser2~Phe222 (Accession # P00502)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser2~Phe222
Description	May play a role in drug resistance and carcinogenesis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.9.
Applications	SDS-PAGE; WB; ELISA; IP
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

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

[Gsta1 glutathione S-transferase alpha 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Gsta1](#)

Synonyms

Gsta1; glutathione S-transferase alpha 1; Yc1; Gsta3; Gsta5; GST AA; GST 2-2; GST Yc1; GST A3-3; glutathione S-transferase alpha-3; Glutathione-S-transferase alpha type (Ya); glutathione S-transferase A3 subunit; glutathione S-transferase A5; glutathione S-transferase Yc1 subunit

Gene ID

[24421](#)

mRNA Refseq

[NM_031509.2](#)

Protein Refseq

[NP_113697.1](#)

UniProt ID

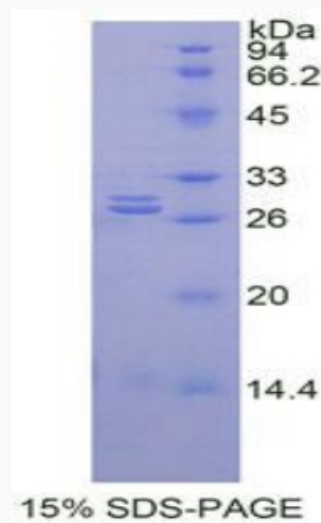
[P00502](#)

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SDS-PAGE



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