Recombinant Rat Gsta4 protein, His & T7-tagged

Cat. No. Gsta4-739R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gsta4 aa. (Glu2~Phe222 (Accession # P14942)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Glu2~Phe222
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.9kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.5.
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, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

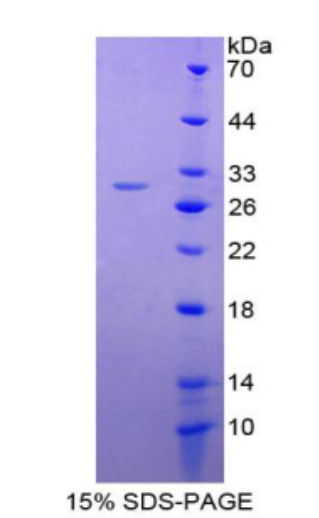
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gsta4 glutathione S-transferase alpha 4 [Rattus norvegicus (Norway rat)]
Official Symbol	Gsta4
Synonyms	GST 8-8; GST A4-4; GST K; GST Yk; glutathione S-transferase A4; glutathione S-transferase Yk; glutathione transferase; glutathione S-transferase alpha-4
Gene ID	300850
mRNA Refseq	NM_001106840.1
Protein Refseq	NP_001100310.1
UniProt ID	P14942

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SDS-PAGE	 15% SDS-PAGE

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