Recombinant Rat Gstt1 protein, His & T7-tagged

Cat. No. Gstt1-618R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gstt1 aa. (Leu7~Leu231 (Accession # Q01579)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu7~Leu231
Description	Subunit of the glutathione S-transferase.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.5kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.8.
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,

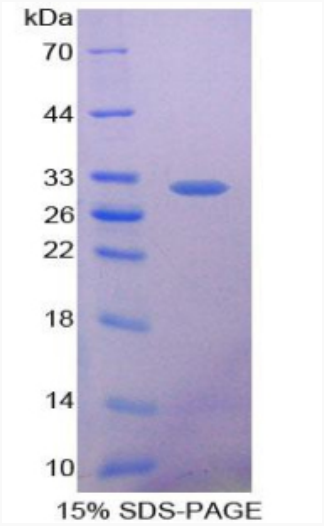
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	and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gstt1 glutathione S-transferase theta 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Gstt1
Synonyms	Gstt1; glutathione S-transferase theta 1; GSTYRS; glutathione S-transferase theta-1; GST 5-5; GST class-theta-1; Glutathione S-transferase 1 (theta); glutathione S-transferase 5
Gene ID	25260
mRNA Refseq	NM_053293.2
Protein Refseq	NP_445745.1
UniProt ID	Q01579

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SDS-PAGE	

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