

Recombinant Rat Gstk1 protein, His & T7-tagged

Cat. No. Gstk1-1490R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gstk1 aa. (Trp20~Trp214 (Accession # P24473)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Trp20~Trp214
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.9kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 9.3.
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% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gstk1 glutathione S-transferase kappa 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Gstk1
Synonyms	GST13-13; GSTkappa; GST 13-13; GST class-kappa; GSTK1-1; glutathione S-transferase subunit 13; glutathione S-transferase, mitochondrial; rGSTK1; glutathione S-transferase kappa 1
Gene ID	297029
mRNA Refseq	NM_181371.2
Protein Refseq	NP_852036.1
UniProt ID	P24473

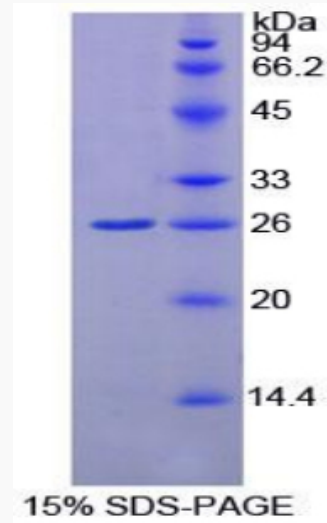
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SDS-PAGE



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