

Recombinant Rat Gamt protein, His & T7-tagged

Cat. No. Gamt-7824R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gamt aa. (Ser2~His236 (Accession # P10868)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser2~His236
Description	Catalyzes the last step of creatine biosynthesis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.9kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.7.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein 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% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Gamt guanidinoacetate N-methyltransferase [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Gamt
Synonyms	GPR151; G protein-coupled receptor 151; GPCR; PGR7; GALR4; GALRL; GPCR-2037; probable G-protein coupled receptor 151; G-protein coupled receptor PGR7; galanin receptor 4
Gene ID	25257
mRNA Refseq	NM_012793.2
Protein Refseq	NP_036925.2
UniProt ID	P10868

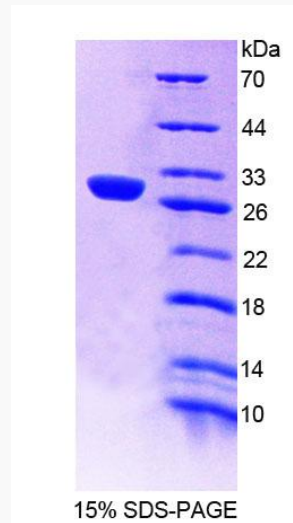
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SDS-PAGE



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