

Recombinant Rat Gamt protein, His-tagged

Cat. No. Gamt-2939R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Gamt protein(P10868)(1-236aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	1-236aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	30.4 kDa
AA Sequence	MSSSAASPLFAPGEDCGPAWRAAPAAAYDTS DTHLQILGKPVMERWETPYMHSLAA AAASRGGRVLEVGFGMAIAASRVQQAPIKEHWIIECNDGVFQRLQNWALKQPHKVV PLKGLWEEEEAPTLDPDGHFDGILYD TYPLSEETWHTHQFNFIKTHAFRLLKPGGILTYC NLTSWGELMKSKYTDITAMFEETQVPALLEAGFQRENICTEVMALVPPADCRYA YAFP QMITPLVTKH
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION**Gene Name**

Gamt guanidinoacetate N-methyltransferase [*Rattus norvegicus*]

Official Symbol

Gamt

Synonyms

GAMT; guanidinoacetate N-methyltransferase; guanidinoacetate methyltransferase; GMT;

Gene ID

25257

mRNA Refseq

NM_001207007

Protein Refseq

NP_001193936

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