

Recombinant Mouse Gamt Protein, Myc/DDK-tagged

Cat. No. Gamt-3147M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length guanidinoacetate methyltransferase (Gamt), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Converts guanidinoacetate to creatine, using S-adenosylmethionine as the methyl donor. Important in nervous system development.
Molecular Mass	26.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Gamt guanidinoacetate methyltransferase [Mus musculus (house mouse)]
Official Symbol	Gamt
Synonyms	GAMT; guanidinoacetate methyltransferase; guanidinoacetate N-methyltransferase; Spintz1; AA571402
Gene ID	14431
mRNA Refseq	NM_010255
Protein Refseq	NP_034385
UniProt ID	O35969

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