

## Recombinant Mouse Gatm Protein, Myc/DDK-tagged

**Cat. No.** Gatm-3164M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length glycine amidinotransferase (L-arginine:glycine amidinotransferase) (Gatm), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Catalyzes the biosynthesis of guanidinoacetate, the immediate precursor of creatine. Creatine plays a vital role in energy metabolism in muscle tissues. May play a role in embryonic and central nervous system development.
<b>Molecular Mass</b>	48.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	Gatm glycine amidinotransferase (L-arginine:glycine amidinotransferase) [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Gatm
<b>Synonyms</b>	GATM; glycine amidinotransferase (L-arginine:glycine amidinotransferase); glycine amidinotransferase, mitochondrial; transamidinase; L-arginine:glycine amidinotransferase; AT; AI314789; 1810003P21Rik
<b>Gene ID</b>	67092
<b>mRNA Refseq</b>	NM_025961
<b>Protein Refseq</b>	NP_080237
<b>UniProt ID</b>	Q9D964

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA