

## Product datasheet for TP506739

### Gatm (NM\_025961) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse glycine amidinotransferase (L-arginine:glycine amidinotransferase) (Gatm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206739 protein sequence Red=Cloning site Green=Tags(s)

MLRVRCLRGGSRGAEAVHYIGSRLGGS�TGWVQRTFQSTQAATASSRNSCAAEDKATHPLPKDCPVSSYN  
EWDPLEEVIVGRAENACVPPFTVEVKANTYEKYWPFYQKNGGLYFPKDHLKKA VAEVEEMCNILSMEGVT  
VRRPDPIDWSLKYKTPDFESTGLYSAMPDILMVVGNEIIEAPMAWRSRFFEYRAYRSIIKDYFHRGAKW  
TTAPKPTMADELYDQNYPIHSVEDRHKLA AQGKFVTTEFEP CFDAADFIRAGRDIFAQRSQVTNYLGI EW  
MRRHLAPDYRVHII SFKDPNPMHIDATFNIIGPGLVLSNPDRPCHQIDLFKKAGWTIVTPPTPVIPDDHP  
LWMSSKWLSMNVLM LDEKRV MVDANEVPIQKMFELGISTIKVNI RNANSLGGGFHCWTC DVRRRRTLQS  
YFD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	48.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_080237</a>
Locus ID:	67092



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UniProt ID:	<a href="#">Q9D964</a>
RefSeq Size:	2357
Cytogenetics:	2 60.63 cM
RefSeq ORF:	1272
Synonyms:	1810003P21Rik; AI314789; AT
Summary:	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.[UniProtKB/Swiss-Prot Function]