

## Product datasheet for **TP502886**

### Gamt (NM\_010255) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Purified recombinant protein of Mouse guanidinoacetate methyltransferase (Gamt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR202886 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSSSAASPLFAPGEDCGPAWRAAPAAYDASDTHLQILGKPVMERWETPYMHALAAAAASRGGRVLEVGFG  
MAIAASRVQQAPIEEHWIIECNDGVFQRLQDWALRQPHKVVPLKGLWEEVAPTLPDGHFDGILYDTYPLS  
EEAWHWHQFNFIKNHAFRLKTTGGVLTTCNLTSWGELMKSXYTDITTMFEETQVPALQEAGFLKENICTE  
VMALVPPADCRYAAPPQMITPLVTKH

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-MYC/DDK

**Predicted MW:** 26.3 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:** [NP\\_034385](#)

**Locus ID:** 14431

**UniProt ID:** [O35969](#)

**RefSeq Size:** 960



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<b>Cytogenetics:</b>	10 39.72 cM
<b>RefSeq ORF:</b>	711
<b>Synonyms:</b>	AA571402; Spintz1
<b>Summary:</b>	Converts guanidinoacetate to creatine, using S-adenosylmethionine as the methyl donor. Important in nervous system development.[UniProtKB/Swiss-Prot Function]