

## Product datasheet for TP507956

### Nmt1 (BC021635) Mouse Recombinant Protein

#### Product data:

|  |   |
|--|---|
| <b>Product Type:</b>                         | Recombinant Proteins  |
| <b>Description:</b>                          | Purified recombinant protein of Mouse N-myristoyltransferase 1 (cDNA clone MGC:13841 IMAGE:3989540), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug  |
| <b>Species:</b>                              | Mouse   |
| <b>Expression Host:</b>                      | HEK293T   |
| <b>Expression cDNA Clone or AA Sequence:</b> | >MR207956 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|  | MADESETAVKLPAPSLPLMMEGNGNGHEHCSDCENEEDNSHNRSGLSPANDTGAKKKKKKQKKKKEKGS<br>MESTQDQPVKMTSLPAERIQEIQAIELFSVGQGPAKTMEEASKRSYQFWDTPVPKLGVEVNTHGVP<br>DKDNIRQEPYTLPQGFTWDALDLGDRGVLKELYLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLPQW<br>HCGVRVSSRKLVGFIAPANIHIYDTEKKMVEINFLCVHKKLRSKRVAPVLIREITRRVHLEGIFQAV<br>YTAGVVLPKPVGTCRYWHRSLNPRKLIEVKFSLSRNMTMQRTMKLYRLPETPKTAGLRPMEKKDIPVH<br>QLLSRYLKQFHLPVMNQEEVEHWFYPQENIIDTFVENANGEVTDFLSFYTLPTIMNHPHKLKAAAY<br>SFYNVHTQTPLLDLMSDALVLAKMKGDFVFNALDLMENKTFLKFKGIGDGNLQYYLYNWKCPMSGAEK<br>VGLVLQ |
|  | <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>  |
| <b>Tag:</b>                                  | C-MYC/DDK   |
| <b>Predicted MW:</b>                         | 56.9 kDa  |
| <b>Concentration:</b>                        | >0.05 µg/µL as determined by microplate BCA method  |
| <b>Purity:</b>                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| <b>Buffer:</b>                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| <b>Note:</b>                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| <b>Storage:</b>                              | Store at -80°C after receiving vials.   |
| <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>Locus ID:</b>                             | 18107   |



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UniProt ID: [O70310](#)

RefSeq Size: 1864

Cytogenetics: 11 E1

RefSeq ORF: 1488

Synonyms: AW536594

**Summary:** Adds a myristoyl group to the N-terminal glycine residue of certain cellular and viral proteins. Required for normal embryogenesis.[UniProtKB/Swiss-Prot Function]