

## Product datasheet for **TP302876M**

### NMT2 (NM\_004808) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human N-myristoyltransferase 2 (NMT2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC202876 protein sequence  
Red=Cloning site Green=Tags(s)

MAEDSESAASQQSLELDDQDTCGIDGDNEEETEHAKGSPGGYLGAKKKKKKQKRKKEKPNSGGTKSDSAS  
DSQEIKIQQPSKNPSVPMQKLQDIQRAMELLSACQGPARNIDEAAKHRYQFWDTPVPKLDDEVITSHGAI  
EPDKDNVRQEPYSLPQGFMWDTLDSLDAEVLKELYLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLL  
QWHCGVRVSSNKKLVGFISAIPANIRIYDSVKKMVEINFLCVHKKLRSKRVAPVLIREITRRVNLEGIFQ  
AVYTAGVWLPKIATCRYWHRSLNPKKLVEVKFSHLSRNMTLQRTMKLYRLPDVTKTSGLRPMEPKDIKS  
VRELINTYLKQFHLAPVMDEEEVAHWFLPREHIIDTFVESPNGKLTDFLSFYTLTPSTMHHPAHKSLKA  
AYSFYNIHTETPLLDLMSDALILAKSKGFDVFNALDLMENKTFLEKLFKIGDGNLQYYLYNWRCPGTDS  
EKVGLVLQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 56.8 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

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**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.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_004799](#)

Locus ID: 9397

UniProt ID: [O60551](#)

RefSeq Size: 5004

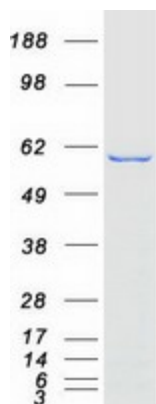
Cytogenetics: 10p13

RefSeq ORF: 1494

**Summary:** This gene encodes one of two N-myristoyltransferase proteins. N-terminal myristoylation is a lipid modification that is involved in regulating the function and localization of signaling proteins. The encoded protein catalyzes the addition of a myristoyl group to the N-terminal glycine residue of many signaling proteins, including the human immunodeficiency virus type 1 (HIV-1) proteins, Gag and Nef. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified NMT2 protein (Cat# [TP302876]). The protein was produced from HEK293T cells transfected with NMT2 cDNA clone (Cat# [RC202876]) using MegaTran 2.0 (Cat# [TT210002]).