

Product datasheet for **TP302876L**

NMT2 (NM_004808) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human N-myristoyltransferase 2 (NMT2), 1 mg

Species: Human

Expression Host: HEK293T

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

MAEDSESAASQQSLELDDQDTCGIDGDNEEETEHAKGSPGGYLGAKKKKKKQKRKKEKPNSGGTKSDSAS
DSQEIKIQQPSKNPSVPMQKLQDIQRAMELLSACQGPARNIDEAAKHRYQFWDTPVPKLDEVITSHGAI
EPDKDNVRQEPYSLPQGFMWDTLDSLDAEVLKELYLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLL
QWHCGVRVSSNKKLVGFISAIPANIRIYDSVKMVEINFLCVHKKLRSKRVAPVLIREITRRVNLEGIFQ
AVYTAGVWLPKIATCRYWHRSLNPKKLVEVKFSHLSRNMTLQRTMKLYRLPDVTKTSGLRPMEPKDIKS
VRELINTYLKQFHLAPVMDEEEVAHWFLPREHIIDTFVESPNGKLTDFLSFYTLTPSTMHHPAHKSLKA
AYSFYNIHTETPLLDLMSDALILAKSKGFDVFNALDLMENKTFLEKLFKFGIGDGNLQYYLYNWRCPGTDS
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.



[View online >](#)

RefSeq: [NP_004799](#)

Locus ID: 9397

UniProt ID: [O60551](#)

RefSeq Size: 5004

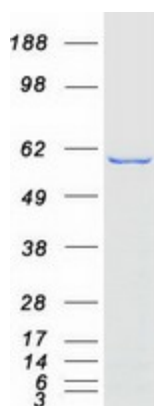
Cytogenetics: 10p13

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]).