

## Product datasheet for PH302876

### NMT2 (NM\_004808) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NMT2 MS Standard C13 and N15-labeled recombinant protein (NP_004799)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202876
Predicted MW:	57 kDa
Protein Sequence:	>RC202876 protein sequence Red=Cloning site Green=Tags(s)

MAEDSESAASQQSLELDDQDTCGIDGDNEEETEHAAGSPGGYLGAKKKKKQKRKKEKPNSSGGTKSDSAS  
DSQEIKIQQPSKNPSVPMQKLQDIQRAMELLSACQGPARNIDEAAKHRYQFWDTPVVKLDEVITSHGAI  
EPDKDNVRQEPYSLPQGFMDTLDLSDAEVLKELYTLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLL  
QWHCGVRVSSNKKLVGFI SAIPANIRIYDSVKMVEINFLCVHKKLRSKRVAPVL IREITRRVNLEGIFQ  
AVYTAGVVLPKPIATCRYWHRSLNPKKLVEVKFSHLSRNMTLQRTMKLYRLPDVTKTSGLRPMEPKDIKS  
VRELINTYLKQFHLAPVMDEEEVAHWFLPREHIIDTFVVESPNGKLTDFLSFYTL PSTVMHHPAHKSLKA  
AYSFYNIHTETPLLDLMSDALILAKSKGDFVFNALDLMENKTFLEKLFKFGIGDGNLQYYLYNWRCPGTDS  
EKVGLVLQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004799</u>
RefSeq Size:	5004
RefSeq ORF:	1494



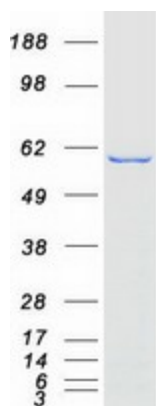
[View online »](#)

Locus ID: 9397  
UniProt ID: [O60551](#)  
Cytogenetics: 10p13

**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]).