

Recombinant Human NMT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NMT2-3026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NMT2 MS Standard C13 and N15-labeled recombinant protein (NP_004799) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	57 kDa
AA Sequence	MAEDSESAASQQSLELDDQDTCGIDGDNEEETEHAKGSPGGYLGAKKKKKKQKRK KEKPNSGGTKSDSASDSQEIKIQPPSKNPSVPMQKLQDIQRAMELLSACQGPARNI DEAAKHRYQFWDTPVPKLDEVITSHGAIEPDKDNVRQEPYSLPQGFMWDTLDLSD AEVLKELYTLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLLQWHCGVRVSSNK KLVGFISAIPANIRIYDSVKKMVEINFLCVHKKLRSKRVAPVLIREITRRVNLEGIFQAVY TAGVVLPKPIATCRYWHRSLNPKKLVEVKFSHLNRNMTLQRTMKLYRLPDVTKTSGL RPMEPKDIKSVRELINTYLKQFHLAPVMDEEEVAHWFLPREHIIDTFVVESPNGKLTD

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FLSFYTL PSTVMHHPAHKSLKAAYSFYNIHTETPLLDLMSDALILAKSKGFDVFNALDL
MENKTFLEKLKFGIGDGNLQYYLYNWRCPGTDSEKVGLVLQTRTRPLEQKLISEEDL
AANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NMT2 N-myristoyltransferase 2 [Homo sapiens (human)]

Official Symbol NMT2

Synonyms NMT2; N-myristoyltransferase 2; glycylopeptide N-tetradecanoyltransferase 2; NMT 2; type II N-myristoyltransferase; peptide N-myristoyltransferase 2; myristoyl-CoA:protein N-myristoyltransferase 2;

Gene ID 9397

mRNA Refseq NM_004808

Protein Refseq NP_004799

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MIM 603801

UniProt ID O60551

SDS-PAGE



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