

Recombinant Full Length Human NMT2 Protein, C-Flag-tagged

Cat. No. NMT2-2098HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NMT2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	56.8 kDa
AA Sequence	MAEDSESAASQQSLELDDQDTCGIDGDNEEETEHAKGSPGGYLGAKKKKKKQKRK KEKPNSGGTKSDSAS DSQEIKIQPSKNPSVPMQKLQDIQRAMELLSACQGPARNI DEAAKHRYQFWDTPVPKLEDEVITSHGAI EPDKDNVRQEPYSLPQGFMDTLTDL DAEVLKELYTLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLL QWHCGVRVSSN KKLVGFISAIPANIRIYDSVKKMVEINFLCVHKKLRSKRVPVLIREITRRVNLEGIFQ A VYTAGVVLPKPIATCRYWHRSLNPKKLVEVKFSHLNRNMTLQRTMKLYRLPDVTKTS GLRPMPEPKDIKS VRELINTYLKQFHLAPVMDEEEVAHWFLPREHIIDTFVVEPNGKL

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TDFLSFYTLPTVMHHPAHKSLKA AYSFYNIHTETPLLDLMSDALILAKSKGFDVFNA
LDLMENKTFLEKLKFGIGDGNLQYYLYNWRCPGTDS EKVGLVLQ TRTRPLEQKLIS
EEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	NMT2 N-myristoyltransferase 2 [Homo sapiens (human)]
Official Symbol	NMT2
Gene ID	9397
mRNA Refseq	NM_004808.3
Protein Refseq	NP_004799.1

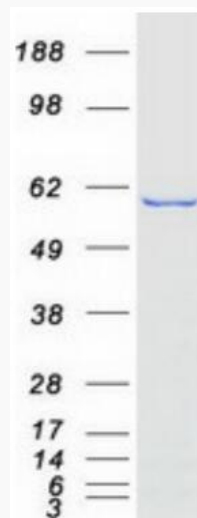
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MIM 603801

UniProt ID O60551



Coomassie blue staining of purified NMT2 protein.

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