

Recombinant Full Length Human NMT1 Protein, C-Flag-tagged

Cat. No. NMT1-1355HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NMT1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Myristate, a rare 14-carbon saturated fatty acid, is cotranslationally attached by an amide linkage to the N-terminal glycine residue of cellular and viral proteins with diverse functions. N-myristoyltransferase (NMT; EC 2.3.1.97) catalyzes the transfer of myristate from CoA to proteins. N-myristoylation appears to be irreversible and is required for full expression of the biologic activities of several N-myristoylated proteins, including the alpha subunit of the signal-transducing guanine nucleotide-binding protein (G protein) GO.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	56.6 kDa
AA Sequence	MADESETAVKPPAPPLPQMMEGNGNGHEHCSDCENEEDNSYNRGGLSPANDTGA KKKKKKQKKKKEKGSE TDSAQDQPVKMNSLPAERIQEIQAIELFSVGQGPACTME EASKRSYQFWDTPVPVKLGEVVNTHGVPVEP DKDNIRQEPYTLPPQGFTWDALDLGD RGVLKELYTLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLPQW HCGVRVSS RKLVGFI SAIPANIHIYDTEKKMVEINFLCVHKKLRSKRVAPVLIREITRRVHLEGIFQAV YTAGVVLPKPVGTCRYWHRSLNPRKLIEVKFSHL SRNMTMQRTMKLYRLPETPKTA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GLRPMETKDIPVVH QLLTRYLKQFHLTPVMSQEEVEHWFYPQENIIDTFVVENANGE
 VTDFLSFYTL PSTIMNHP THKSLKAAY SFYNVHTQTPLLDLMSDALVLAKMKGFDVF
 NALDLMENKTFLEKLKFGIGDGNLQYYLYNWKCP SMGAEK
 VGLVLQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	NMT1 N-myristoyltransferase 1 [Homo sapiens (human)]
Official Symbol	NMT1
Synonyms	NMT; HsNMT1
Gene ID	4836

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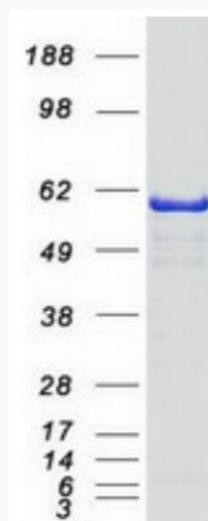
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mRNA Refseq [NM_021079.5](#)

Protein Refseq [NP_066565.1](#)

MIM [160993](#)

UniProt ID [P30419](#)



Coomassie blue staining of purified NMT1 protein.

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