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NMT1, 1-496aa, Human, His tag, E.coli

产品货号: TP03179

第三版

别名: Glycylpeptide N-tetradecanoyltransferase 1, NMT, Myristoyl-CoA:protein N-myristoyltransferase 1

描述: 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 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. Recombinant human NMT1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate buffered saline (pH7.4)

分子量: 59.2 kDa (519 aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMADSEETA VKPPAPPLPQMMEGNGNGHEHCSDCENEEDNSYNRGGLSPANDTG
AKKKKKKQKKKKEKGETDSAQDQPVKMNSLPAERIQEIQKAIELFVSGQGPAKT MEEASKRSYQFWDTQPVPKLGVEV
NTHGPEPDKDNIRQEPYTLPGFTWDALDLGDRGVKELYTLLNENYVEDDDNMFRFDYSPEFLLWALRPPGWLPQW
HCGVRVSSRKL VGFISAIPANIHIYDTEKKMVEINFLCVHKKLRSKRVAPVLIREITRRVHLEGIFQAVYTAGVVLPKPVG
TCRYWHRSLNPRKLIEVKFSLSRNMTMQRTMKLYRLPETPKTAGLRPMETKDIPVVHQLLTRYLKQFHLPVMSQEEVE
HWFYPQENIIDTFVVENANGEVTDFLSFYTLPTIMNHPTHKSLKAAYSFYNVHTQTPLLDLMSDALVLAKMKGFDFVNA
LDLMENKTFLEKLFKFGIGDGNLQYYLYNWKCP SMGAEKVGLVLQ

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.