

Recombinant Human N-myristoyltransferase 2, T7-tagged

Cat. No. NMT2-826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NMT2 was produced in E.coli with a T7 tag at N-terminus. MW = 56980 Da(1-498 aa).
Species	Human
Source	E.coli
ProteinLength	1-498 a.a.
Description	Glycylpeptide N-tetradecanoyltransferase 2 is an enzyme that in humans is encoded by the NMT2 gene. N-myristoyltransferase (NMT) catalyzes the reaction of N-terminal myristoylation of many signaling proteins. It transfers myristic acid from myristoyl coenzyme A to the amino group of a protein's N-terminal glycine residue. Biochemical evidence indicates the presence of several distinct NMTs, varying in apparent molecular weight and /or subcellular distribution. The predicted 498-amino acid of human NMT2 protein shares 77% and 96% sequence identity with human NMT1 and mouse Nmt2 comprise two distinct families of N-myristoyltransferases.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Purity	95%.
Clonality	N/A.
Applications	MS. SDS.

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GENE INFORMATION

Gene Name	NMT2 N-myristoyltransferase 2 [Homo sapiens]
Synonyms	NMT2; N-myristoyltransferase 2; glycylopeptide N-tetradecanoyltransferase 2; NMT 2; OTTHUMP00000019189; OTTHUMP00000019190; type II N-myristoyltransferase; peptide N-myristoyltransferase 2; myristoyl-CoA:protein N-myristoyltransferase 2; EC 2.3.1.97
Gene ID	9397
mRNA Refseq	NM_004808
Protein Refseq	NP_004799
MIM	603801
UniProt ID	O60551
Chromosome Location	10p13
Function	acyltransferase activity; catalytic activity; glycylopeptide N-tetradecanoyltransferase activity; transferase activity

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