

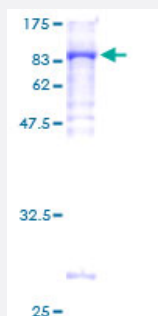
Full-Length

NMT2 (Human) Recombinant Protein (P01)

Catalog # H00009397-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NMT2 full-length ORF (AAH06376, 1 a.a. - 498 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEDSESAASQQSLELDDQDTCGIDGDNEEETEHA KGSPGGYLGA KKKKKKKQKRKKEKPNSG
 GTKSDSASDSQEIKIQPSKNPSVPMQKLQDIQRAMELLSACQGPARNIDEAAKHRYQFWDTP
 VPKLDEVITSHGAIEPDKDNVRQEPYSLPQGFMWDTLDLSDAEVLKELYTLLNENYVEDDDNMFR
 FDYSPEFLLWALRPPGWLLQWHCGVRVSSNKKLVGFISAIPANIRYDSVKKMVEINFLCVHKKLR
 SKRVAPVLIREITRRVNLEGIFQAVYTAGVVLPKPIATCRYWHRSLNPKKLVEVKFSHLSRNMTLQR
 TMKLYRLPDVTKTSGLRPMEPKDIKSVRELINTYLKQFHLAPVMDEEEVAHWFLPREHIIDTFVVES
 PNGKLTDFLSFYTL PSTVMHHPAHKSLKAAYSFYNIHTETPLLDLMSDALILAKSKGFDVFNALDLM
 ENKTFLEKLKFGIGDGNLQYYL YNWRCPGTDSEKVGVLVQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.52

Interspecies Antigen Sequence

Mouse (89); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NMT2

Entrez GeneID	9397
GeneBank Accession#	BC006376
Protein Accession#	AAH06376
Gene Name	NMT2
Gene Alias	-
Gene Description	N-myristoyltransferase 2
Omim ID	603801
Gene Ontology	Hyperlink
Gene Summary	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, v arying 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 N mt2 comprise two distinct families of N-myristoyltransferases. [provided by RefSeq
Other Designations	OTTHUMP00000019188 glycylpeptide N-tetradecanoyltransferase 2

Disease

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