9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6860: NMT1 Human

Alternative Name :	N-Myristoyltransferase 1, NMT, Myristoyl-CoA:Protein N-Myristoyltransferase 1, Type I N-Myristoyltransferase, EC 2.3.1.97, Myristoyl-CoA:Protein,N- Myristoyltransferase, Glycylpeptide N-Tetradecanoyltransferase 1,Peptide N-Myristoyltransferase 1,Alternative, Short Form NMT-S, Short Form NMT-S,Long Form, NMT-L, Alternative, Long Form, NMT-L, NMT 1.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
Myristate, a rare 14-carbon saturated fatty acid, is co-translationally attached by an amide linkage to the N-terminal glycine residue of cellular & viral proteins with various functions. N-Myristoyltransferase 1, also known as NMT1 catalyzes the transfer of myristate from CoAÂ to proteins. NMT1 seems to be irreversible and is essential for full expression of the biologic activities of several N-myristoylated proteins, as well as the alpha subunit of the signal-transducing guanine nucleotide-binding protein, G protein.
NMT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 519 amino acids (1-496 a.a) and having a molecular mass of 59.2kDa.NMT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	5 µg / 20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	NMT1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4).
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMADESET AVKPPAPPLP QMMEGNGNGH EHCSDCENEE DNSYNRGGLS PANDTGAKKK KKKQKKKKEK GSETDSAQDQ PVKMNSLPAE RIQEIQKAIE LFSVGQGPAK TMEEASKRSY QFWDTQPVPK LGEVVNTHGP VEPDKDNIRQ EPYTLPQGFT WDALDLGDRG VLKELYTLLN ENYVEDDDNM FRFDYSPEFL LWALRPPGWL PQWHCGVRVV SSRKLVGFIS AIPANIHIYD TEKKMVEINF LCVHKKLRSK RVAPVLIREI TRRVHLEGIF QAVYTAGVVL PKPVGTCRYW HRSLNPRKLI EVKFSHLSRN MTMQRTMKLY RLPETPKTAG LRPMETKDIP VVHQLLTRYL KQFHLTPVMS QEEVEHWFYP QENIIDTFVV ENANGEVTDF LSFYTLPSTI MNHPTHKSLK AAYSFYNVHT QTPLLDLMSD ALVLAKMKGF DVFNALDLME NKTFLEKLKF GIGDGNLQYY LYNWKCPSMG AEKVGLVLQ.