

## N-Myristoyltransferase 1 Human Recombinant

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| <b>Item Number</b>                       | rAP-2038                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>                          | 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,Alternati                                                                                                                                                                    |
| <b>Description</b>                       | 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.                                                                                                                                               |
| <b>Uniprot Accession Number</b>          | P30419                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSSLVPRGSH MGSMADSEET AVKPPAPPLP QMMEGNGNGH EHCSDCENEE<br>DNSYNRGGLS PANDTGAKKK KKKQKKKKEK GSETDSAQDQ PVKMNSLPAE RIQEIQAIE<br>LFSVGQGPAK TMEEASKRSY QFWDTPVVPK LGEVVNTHGP VEPDKDNIRQ EPYTLPPQGF<br>WDALDLGDRG VLKELYLLN ENYVEDDDNM FRFDYSPEFL LWALRPPGWL PQWHCGVRVV<br>SSRKLVGFI AIPANIHIYD TEKKMVEINF LCVHKKLRSK RVAPVLIREI TRRVHLEGIF QAVYTAGVVL<br>PKPVGTCRYW HRSLNPRKLI EVKFSHLSRN MTMQRTMKLY RLPETPKTAG LRPMETKDIP |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Physical Appearance and Stability</b> | Sterile Filtered colorless solution. 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.                                                                                                                                                           |
| <b>Formulation and Purity</b>            | NMT1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4). Greater than 95.0% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                         |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                                                                                                                                                                            |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**