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32-2609: NMT2 Recombinant Protein

Alternative Name : Glycylpeptide N-tetradecanoyltransferase 2,Myristoyl-CoA:protein N-myristoyltransferase 2,NMT 2,Peptide N-myristoyltransferase 2,Type II N-myristoyltransferase,NMT2.

Description

Source : Escherichia Coli. NMT2 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 518 amino acids (1-498 a.a.) and having a molecular mass of 59.1kDa. The NMT2 is purified by proprietary chromatographic techniques. Glycylpeptide N-tetradecan-oyltransferases 2 (NMT2) is a cytoplasmic protein which is a member of the NMT family of proteins. The proteins in the NMT family catalyze the addition of a myristoyl group to the N-terminal glycine residue of eukaryotic, fungal and viral proteins. These proteins are mostly detected in the heart, gut, kidney, liver and placenta. NMT catalyzes the reaction of N-terminal myristoylation of various signaling proteins. NMT transfers myristic acid from myristoyl coenzyme A to the amino group of a protein's N-terminal glycine residue. There are several distinct NMTs which vary in the molecular weight and /or subcellular distribution.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The NMT2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.
Storage condition :	NMT2 should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MAEDSESAAS QQSLELDDQD TCGIDGDNEE ETEHAKGSPG GYLGAKKKKK KQKRKKEKPN SGGTKSDSAS DSQEIKIQQP SKNPSVPMQK LQDIQRAMEL LSACQGPARN IDEAAKHRYQ FWDTQPVPKL DEVITSHGAI EPDKDNVRQE PYSLPQGFMW DTLDLSDAEV LKELYTLLNE NYVEDDDNMF RFDYSPEFLL WALRPPGWLL QWHCGVRVSS NKKLVGFISA IPANIRIYDS VKKMVEINFL CVHKKLRSKR VAPVLIREIT RRVNLEGIFQ AVYTAGVVLP KPIATCRYWH RSLNPKKLVE VKFSHLSRNM TLQRTMKLYR LPDVTKTSGL RPMEPKDIKS VRELINTYLK QFHLAPVMDE EEVAHWFLPR EHIIDTFVVE SPNGKLTDFL SFYTLPSTVM HHPAHKSLKA AYSFYNIHTE TPLLDLMSDA LILAKSKGFD VFNALDLMEN KTFLEKLKFG IGDGNLQYYL YNWRCPGTDS EKVGLVLQ.

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