www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

NMT2 Human

Catalog #:ENPS-075

For research use only.

Description: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.

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

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MAEDSESAAS QQSLELDDQD TCGIDGDNEE ETEHAKGSPG GYLGAKKKKK KQKRKKEKPN SGGTKSDSAS DSQEIKIQQP SKNPSVPMQK LQDIQRAMEL LSACQGPARN IDEAAKHRYQ FWDTQPVPKL DEVITSHGAI EPDKDNVRQE PYSLPQGFMW DTLDLSDAEV LKELYTLLNE NYVEDDDNMF RFDYSPEFLL WALRPPGWLL QW

Purity: Greater than 85.0% as determined by SDS-PAGE.

Formulation:
The NMT2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 2mM DTT and 0.1M NaCl.

Stability:
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.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
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.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE