

NMT2, 1-498aa, Human, His tag, E.coli

Cat.NO.: TP03180

3th Edition

Synonyms:N-myristoyltransferase 2.

Description:NMT2, also known as glycylopeptide N-tetradecan-oyltransferases 2, is cytoplasmic protein that belong to the NMT family of proteins. The proteins in this family catalyze the addition of a myristoyl group to the Nterminal glycine residue of eukaryotic, fungal and viral proteins. They are primarily detected in heart, gut, kidney, liver and placenta.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

Molecular Weight:59.1 kDa (518aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMAEDSESAASQQSLELDDQDTCGIDGDNEEETEHAAGSPGGYLGAKKKKKKQK
RKKEKPNSGGTKSDSASDSQEIKIQPSKNPSVPMQKLQDIQRAMELLSACQGPARNIDEAAKHRYQFWDTPVP
KLDEVITSHGAIEPDKDNVRQEPYSLPQGFMWDTLDLSDAEVLKELYTLLNENYVEDDDNMFRFDYSPEFLLWALR
PPGWLLQWHCGVRVSSNKKLVGFISAIPANIRIYDSVKKMVEINFLCVHKKLRSKRVAPVLIREITRRVNLEGIFQAVY
TAGVVLPKIATCRYWHRSLNPKKLVEVKFSLSRNMTLQRTMKLYRLPDVTKTSGLRPMEPKDIKSVRELINTYLK
QFHLAPVMDEEEVAHWFLPREHIIDTFVVESPNGKLTDFLSFYTLPTVMHHPAHKSLKAAYSFYNIHTETPLLDLMS
DALILAKSKGFDVFNALDLMENKTFLEKLKFGIGDGNLQYYLYNWRCPGTDSEKVGLVLQ

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.