

Recombinant Human NAPEPLD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NAPEPLD-1324H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NAPEPLD MS Standard C13 and N15-labeled recombinant protein (NP_001116310) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NAPEPLD is a phospholipase D type enzyme that catalyzes the release of N-acylethanolamine (NAE) from N-acyl-phosphatidylethanolamine (NAPE) in the second step of the biosynthesis of N-acylethanolamine.
Molecular Mass	45.4 kDa
AA Sequence	MDENESNQSLMTSSQYPKEAVRKRQNSARNSGASDSSRFSRKSFKLDYRLEEDVT KSKKGKDGRFVNPWPTWKNPSIPNVLRLIMEKDHSSVPSSKEELDKELPVLPYFI TNPEEAGVREAGLRVTWLGHATVMVEMDELIFLTDPIFSSRASPSQYMGPKRFRRS PCTISELPIDAVLISHNHYDHLDYNSVIALNERFGNELRWFVPLGLLDWMQKCGCE NVIELDWWEENCVPGHDKVTFVFTPSQHWCKRTLMDDNKVLWGSWSVLGPWNR FFAGDTGYCPAFEEIGKRFGPFDLAAPIGAYEPRWFMKYQHVDPEEAVRIHTDVQT KKSMAIHWGTFALANEHYLEPPVKLNEALERYGLNAEDFFVLKHGESRYLNNDEN FTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NAPEPLD N-acyl phosphatidylethanolamine phospholipase D [Homo sapiens (human)]
Official Symbol	NAPEPLD
Synonyms	NAPEPLD; N-acyl phosphatidylethanolamine phospholipase D; N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D; C7orf18; chromosome 7 open reading frame 18; N acyl phosphatidylethanolamine hydrolyzing phospholipase D; FMP30; NAPE PLD; NAPE-hydrolyzing phospholipase D; NAPE-PLD; DKFZp781D1098;
Gene ID	222236
mRNA Refseq	NM_001122838
Protein Refseq	NP_001116310
MIM	612334
UniProt ID	Q6IQ20

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