

Recombinant Human NAPEPLD, His-tagged

Cat. No. NAPEPLD-152H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human N-Acyl-Phosphatidylethanolamine-Hydrolyzing Phospholipase D/NAPEPLD is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Met1-Phe393) of Human NAPEPLD fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-393 a.a.
AA Sequence	MDENESNQSLMTSSQYPKEAVRKRQNSARNSGASDSSRFSRKSFKLDYRLEEDVT KSKKG KDGR FVNPWPTWKNPSIPNVLRLWIMEKDHSSVPSSKEELDKELPVLPKY FITNPEEAGV REAGLRVT WLGHATVMVEMDELIFLTDPIFSSRASPSQYMGPKRFR RSPCTISELPPIDA VLISHNHYDHL D YNSVIALNERFGNELRWVPLGLLDWMQKCG CENVIELDWWEENCVPG HDKVTFVFTPSQHWCK RTLMDDNKVLWGSWSVLGPW NRFFFAGDTGYCPAFEEIGKRFGP FDLAAPIGAYEPRWFMKYQ HVDPEEAVRIHT DVQTKKSMIAHWGTFALANEHYLEPPVK LNEALERYGLNAEDFFVLKHGESR YLNN DDENFVDHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

GENE INFORMATION

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Gene Name	NAPEPLD N-acyl phosphatidylethanolamine phospholipase D [Homo sapiens]
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
Chromosome Location	7q22.1
Pathway	Retrograde endocannabinoid signaling, organism-specific biosystem; Retrograde endocannabinoid signaling, conserved biosystem;
Function	NAPE-specific phospholipase D activity; hydrolase activity; metal ion binding; zinc ion binding;