

## Recombinant Human NAPEPLD Protein, Myc/DDK-tagged

Cat. No. NAPEPLD-002H Lot. No. (See product label)

### SPECIFICATION

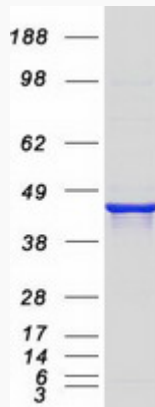
<b>Product Overview</b>	Recombinant protein of human N-acyl phosphatidylethanolamine phospholipase D (NAPEPLD), transcript variant 2 with a C-Myc/DDK tag was expressed in HEK293T.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	NAPEPLD is a phospholipase D type enzyme that catalyzes the release of N-acylethanolamine (NAE) from N-acyl-phosphatidylethanolamine (NAPE) in the second step of the biosynthesis of N-acylethanolamine (Okamoto et al., 2004 [PubMed 14634025]).
<b>Molecular Mass</b>	45.4 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

### GENE INFORMATION

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<b>Gene Name</b>	NAPEPLD N-acyl phosphatidylethanolamine phospholipase D [ Homo sapiens (human) ]
<b>Official Symbol</b>	NAPEPLD
<b>Synonyms</b>	NAPEPLD; N-acyl phosphatidylethanolamine phospholipase D; FMP30; C7orf18; NAPE-PLD; N-acyl-phosphatidylethanolamine-hydrolyzing phospholipase D; NAPE-hydrolyzing phospholipase D; EC 3.1.4.54
<b>Gene ID</b>	222236
<b>mRNA Refseq</b>	NM_198990
<b>Protein Refseq</b>	NP_945341
<b>MIM</b>	612334
<b>UniProt ID</b>	Q6IQ20
<b>SDS-PAGE</b>	

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