Recombinant Full Length Human PNPLA2 Protein, C-Flag-tagged

Cat. No. PNPLA2-251HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PNPLA2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes an enzyme which catalyzes the first step in the hydrolysis of triglycerides in adipose tissue. Mutations in this gene are associated with neutral lipid storage disease with myopathy.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.1 kDa
AA Sequence	MFPREKTWNISFAGCGFLGVYYVGVASCLREHAPFLVANATHIYGASAGALTATALV TGVCLGEAGAKFI EVSKEARKRFLGPLHPSFNLVKIIRSFLLKVLPADSHEHASGRLG ISLTRVSDGENVIISHFNSKDELIQ ANVCSGFIPVYCGLIPPSLQGVRYVDGGISDNLP LYELKNTITVSPFSGESDICPQDSSTNIHELRVTNT SIQFNLRNLYRLSKALFPPEPLV LREMCKQGYRDGLRFLQRNGLLNRPNPLLALPPARPHGPEDKDQAVE SAQAEDYS QLPGEDHILEHLPARLNEALLEACVEPTDLLTTLSNMLPVRLATAMMVPYTLPLESAL SFTI RLLEWLPDVPEDIRWMKEQTGSICQYLVMRAKRKLGRHLPSRLPEQVELRRV QSLPSVPLSCAAYREALP GWMRNNLSLGDALAKWEECQRQLLLGLFCTNVAFPPE ALRMRAPADPAPAPADPASPQHQLAGPAPLLST

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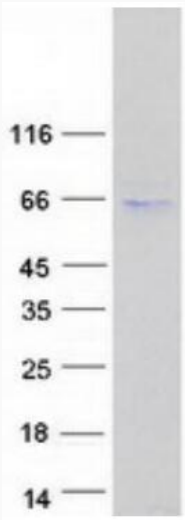
	PAPEARPVIGALGLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	PNPLA2 patatin like phospholipase domain containing 2 [Homo sapiens (human)]
Official Symbol	PNPLA2
Synonyms	ATGL; TTS2; PEDF-R; FP17548; TTS-2.2; iPLA2zeta; 1110001C14Rik
Gene ID	57104
mRNA Refseq	NM_020376.4
Protein Refseq	NP_065109.1

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MIM	609059
UniProt ID	Q96AD5



Coomassie blue staining of purified PNPLA2 protein.

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