

Datasheet for ABIN1473841

PNPLA2 Protein (AA 1-478) (His tag)



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Overview

Quantity:	1 mg
Target:	PNPLA2
Protein Characteristics:	AA 1-478
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PNPLA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MFPRETKWNI SFAGCGFLGV YHIGVASCLR EHAPFLVANA THYIGASAGA LTATALVTGA</p> <p>CLGEAGANII EVSKEARKRF LGPLHPSFNL VKTIRGCLLK TLPADCHTRA SGRLGISLTR</p> <p>VSDGENVIIS HFSSKDELIQ ANVCSTFIPV YCGLIPPTLQ GVMRYVDGGIS DNLPLYELKN</p> <p>TITVSPFSGE SDICPQDSST NIHELRLTNT SIQFNLRNLY RLSKALFPPE PMVLREMCKQ</p> <p>GYRDGLRFLR RNGLLNQPNP LLALPPVVPQ EEDAEEAAVT EERTGGEDRI LEHLPARLNE</p> <p>ALLEACVEPK DLMTTLSNML PVRLATAMMV PYTLPLESAV SFTIRLLEWL PDVPEDIRWM</p> <p>KEQTGSICQY LVMRAKRKLG DHLPSRLSEQ VELRRAQSLP SVPLSCATYS EALPNWVRNN</p> <p>LSLGDALAKW EECQRQLLLQ LFCTNVAFPF DALRMRAPAS PTATDPATPQ DPSGLPPC</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: PNPLA2

Alternative Name: Patatin-like phospholipase domain-containing protein 2 (Pnpla2) ([PNPLA2 Products](#))

Background: Recommended name: Patatin-like phospholipase domain-containing protein 2.
EC= 3.1.1.3.
Alternative name(s): Adipose triglyceride lipase

UniProt: [P0C548](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.