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Datasheet for ABIN1472641 PNLIP Protein (AA 1-450) (His tag)

Overview

Quantity:	1 mg
Target:	PNLIP
Protein Characteristics:	AA 1-450
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PNLIP protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SEVCFPRLGC FSDDAPWAGI VQRPLKILPW SPKDVDTRFL LYTNQNQNNY QELVADPSTI TNSNFRMDRK TRFIIHGFID KGEEDWLSNI CKNLFKVESV NCICVDWKGG SRTGYTQASQ NIRIVGAeva YFVEVLKSSL GYSPSNVHVI GHSLGSHAAG EAGRRTNGTI ERITGLDPAE PCFQGTPELV RLDPSDAKFV DVIHTDAAPI IPNLGFGMSQ TVGHLDFFPN GKGQMPGCQK NILSQIVDID GIWEGTRDFV ACNHLRSYKY YADSILNPDG FAGFPCDSYN VFTANKCFPC PSEGCPQMGH YADRFPgKTN GVSQVFYLNT GDASNFARWR YKVSvtLSGK KVTGHILVSL FGNEGNSRQY EIYKGTLPD NTHSDEFDSD VEVGDLQKVK FIWYNNNVIN PTLPRVGASK ITVERNDGKV YDFCSQETVR EEVLLTLNPC
Specificity:	Sus scrofa (Pig)
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: PNLIP

Alternative Name: Pancreatic triacylglycerol lipase (PNLIP) ([PNLIP Products](#))

Background: Recommended name: Pancreatic triacylglycerol lipase.
Short name= PL.
Short name= PTL.
Short name= Pancreatic lipase.
EC= 3.1.1.3

UniProt: [P00591](#)

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 modiflicated 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

Handling

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