antibodies

## Datasheet for ABIN1608974 Lipoprotein Lipase Protein (LPL) (AA 28-475) (His tag)



Overview

Quantity:	1 mg
Target:	Lipoprotein Lipase (LPL)
Protein Characteristics:	AA 28-475
Origin:	Baboon
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lipoprotein Lipase protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	ADQ RRDFIDIESK FALRTPEDTA EDTCHLIPGV AESVATCHFN HSSKTFMVIH GWTVTGMYES
	WVPKLVAALY KREPDSNVIV VDWLSRAQQH YPVSAGYTKL VGQDVARFIN WMEEEFNYPL
	DNVHLLGYSL GAHAAGIAGS LTNKKVNRIT GLDPAGPNFE YAEAPSRLSP DDADFVDVLH
	TFTRGSPGRS IGIQKPVGHV DIYPNGGTFQ PGCNIGEAIR VIAERGLGDV DQLVKCSHER
	SIHLFIDSLL NEENPSKAYR CSSKEAFEKG LCLSCRKNRC NNLGYEINKV RAKRSSKMYL
	KTRSQMPYKV FHYQVKIHFS GTESETHTNQ AFEISLYGTV AESENIPFTL PEVSTNKTYS
	FLIYTEVDIG ELLMLKLKWK SDSYFSWSDW WSSPGFAIQK IRVKAGETQK KVIFCSREKV
	SHLQKGKAPA VFVKCHDKSL NKKSG
Specificity:	Papio anubis (Olive baboon)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.

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## Product Details

> 90 %

## Target Details

Target:	Lipoprotein Lipase (LPL)
Abstract:	LPL Products
Background:	Recommended name: Lipoprotein lipase. Short name= LPL. EC= 3.1.1.34
UniProt:	P49060
Pathways:	Lipid Metabolism

## 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 modificated 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

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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

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

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