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Datasheet for ABIN1458644

**Lipoprotein Lipase Protein (LPL) (AA 24-478) (His tag)**

## Overview

Quantity:	1 mg
Target:	Lipoprotein Lipase (LPL)
Protein Characteristics:	AA 24-478
Origin:	Cat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Lipoprotein Lipase protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	WVAADDR ITGGRDFIDI ESKFALRTPE DIAEDTCHLI PGVTESVANC HFNHTSKTFV VIHGWTVTGM YESWVPKLVA APYKREPDSN VIVVDWLSRA QQHYPVSAGY TKLVGKDVAK FINWMAEEFH YPLDNVHLLG YSLGAHAAGI AGSLTNKKVN RITGLDPAGP NFEYAEAPSR LSPDDADFVD VLHTFTRGSP GRSIGIQKPV GHVDIYPNGG TFQPGCNIGE AIRVIAERGL GDVDQLVKCS HERSIHLFID SLLNEENPSK AYRCNSKEAF EKGLCLSCRK NRCNNLGYEI NKVRAKRSSK MYLKTRSQMP YKVFHYQVKI HFSGTESDTQ TNQVFEISLY GTVAESENIP FTLPEISANK TYSFLIYTEV DIGELMLKL KWKSDSYFSW SDWWSSPGFT IEKIRVKAGE TQKKVIFCSR EKVSHLQK GK ASVVFVKCHD KSLNKKSG
Specificity:	Felis catus (Cat) (Felis silvestris catus)
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

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Purity: > 90 %

## Target Details

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Target: Lipoprotein Lipase (LPL)

Abstract: [LPL Products](#)

Background: Recommended name: Lipoprotein lipase.  
Short name= LPL.  
EC= 3.1.1.34

UniProt: [P55031](#)

Pathways: [Lipid Metabolism](#)

## Application Details

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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

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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

## Handling

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