

Datasheet for ABIN1609877  
**LCAT Protein (AA 19-335) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LCAT
Protein Characteristics:	AA 19-335
Origin:	Aeromonas spp.
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LCAT protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	AD SRPAFSRIVM FGDSLSDTGK MYSKMRGYLP SSPPYYEGRF SNGPVWLEQL TNEFPGLTIA NEAEGGPTAV AYNKISWNPY YQVINNL DYE VTQFLQKDSF KPDDLVLWV GANDYLAYGW NTEQDAKRVR DAISDAANRM VLNGAKEILL FNLPLDGQNP SARSQKVEA ASHVSAYHNQ LLLNLARQLA PTGMVKLFEI DKQFAEMLRD PQNFGLSDTE NACYGGSYVW KPFASTRSAST DSQLSAFNPQ ERLAIAGNPL LAQAVASPMA ARSASTLNCE GKMFWQVHP TTVVHAALSE PAATFIESQY EFLAH
Specificity:	Aeromonas hydrophila
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.
Purity:	> 90 %

## Target Details

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Target:	LCAT
Alternative Name:	Phosphatidylcholine-sterol acyltransferase ( <a href="#">LCAT Products</a> )
Background:	Recommended name: Phosphatidylcholine-sterol acyltransferase. EC= 2.3.1.43. Alternative name(s): Glycerophospholipid-cholesterol acyltransferase. Short name= GCAT
UniProt:	<a href="#">P10480</a>
Pathways:	<a href="#">Lipid Metabolism</a>

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