

Datasheet for ABIN1672298

## LIPA2 Protein (AA 71-364) (His tag)



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### Overview

Quantity:	1 mg
Target:	LIPA2
Protein Characteristics:	AA 71-364
Origin:	Ricinus communis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIPA2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	QRAPQGERFQ EVKHSLSLK LNTVCEEACQ PNIGECWNGG GDGIATATIM LLGDTCTRGC RFCAVKTSRN PSPDPLEPQ NTALAIASWG VDYIVLTSVD RDDLPDGGSG HFSETVQAMK KLKPEIMVEC LTSDFRGDLE AVETLVHSGL DVFAHNIETV KRLQRIVRDP RAGYEQSLSV LKHAKHSKEG MITKSSIMLG LGETDDELKE AMADLRAIDV DILTLGQYLQ PTPHLTVKE YVTPEKFAFW KEYGESIGFR YVASGPMVRS SYRAGELFVK TMVKERSSNS AAKP
Specificity:	Ricinus communis (Castor bean)
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

Target:	LIPA2
Alternative Name:	Lipoyl synthase, chloroplastic (LIP1P) ( <a href="#">LIPA2 Products</a> )
Background:	<p>Recommended name: Lipoyl synthase, chloroplastic.</p> <p>EC= 2.8.1.8.</p> <p>Alternative name(s): Lipoate synthase.</p> <p>Short name= LS.</p> <p>Short name= Lip-syn Lipoate synthase, plastidial.</p> <p>Short name= LIP1p Lipoic acid synthase</p>
UniProt:	<a href="#">B9RX57</a>

## Application Details

Comment:	<p>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.</p>
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.