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## Datasheet for ABIN1475164 FDPS Protein (AA 1-353) (His tag)

### Overview

Quantity:	1 mg
Target:	FDPS
Protein Characteristics:	AA 1-353
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FDPS protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MNGDQKLDVH NQEKQNFQIH FSQIVKVLTE DELGHPEKGD AITRIKEVLE YNTVGGKYNR GLTVVQTFQE LVEPRKQDAE SLQRALTVGW CVELLQAFFL VLDDIMDSSY TRRGQICWYQ KPGIGLDAIN DALLLEAAIY RLLKFYCREQ PYYLNLELF LQSSYQTEIG QTLDLITAPQ GQVDLGRYTE KRYKSIVKYK TAFYSFYLP I AAAMYMAGID GEKEHANALK ILLEMGEFFQ IQDDYLDLFG DPSVTGKVG T DIQDNKCSWL VVQCLLRATP QQRQILEENY GQKDPEKVAR VKALYEELDL RSVFFKYEED SYNRLKSLIE QCSAPLPPI FLELANKIYK RRK
Specificity:	Rattus norvegicus (Rat)
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:	FDPS
Alternative Name:	Farnesyl pyrophosphate synthase (Fdps) ( <a href="#">FDPS Products</a> )
Background:	<p>Recommended name: Farnesyl pyrophosphate synthase.</p> <p>Short name= FPP synthase.</p> <p>Short name= FPS.</p> <p>EC= 2.5.1.10.</p> <p>Alternative name(s): (2E,6E)-farnesyl diphosphate synthase Cholesterol-regulated 39 kDa protein.</p> <p>Short name= CR 39 Dimethylallyltranstransferase.</p> <p>EC= 2.5.1.1 Farnesyl diphosphate synthase Geranyltranstransferase</p>
UniProt:	<a href="#">P05369</a>
Pathways:	<a href="#">Regulation of Muscle Cell Differentiation</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

## Handling

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Storage: -20 °C

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