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## Datasheet for ABIN1473062 ZP4 Protein (AA 25-515) (His tag)

### Overview

Quantity:	1 mg
Target:	ZP4
Protein Characteristics:	AA 25-515
Origin:	Rabbit
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZP4 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>KQPKPE TPTDPGVLHC RPWNFKFTIN FQNQETGSSP</p> <p>VLVTWDNQGR LHRLQNDTDC GTRVGEGPGP SVVLEANYSS CYVTESEPPY VMLVGVEEVD</p> <p>AAGQNLVTKQ QLLKCPMHLP APDAGLCDSV PVQDR LPCAT APISQEDCEE LGCCHSSEEV</p> <p>NACYYGNTVT SHCTQEGHFS IAVSRNVSSP PLHLDSVHLV FGNDSECQPV VATRAFLFL</p> <p>FPFTACGTTR QITGDRAIYE NELLATREVR TWSRGSITRD SIFRLRVSCS YSISSSALPV</p> <p>DMHVLTLPPP LPETQPGPLT VVLQIAKDKD YHSYYTMDDY PVVKLLRDPI YVDVSILYRT</p> <p>DPYLGLRLHQ CWATPRTNPL YQPQWPILVK GCPYTGDNQY TQLIPVQEAF DLPFSPHHQR</p> <p>FSISTFSFLD SSSAKEALKG PIYLHCSVSV CQPTGTQSCT VTCPIDSRRR NSDINFQNST</p> <p>ANISSKGPMI LLQATEDPSE KLHKHSGVPV HPGAL</p>
Specificity:	Oryctolagus cuniculus (Rabbit)
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

Purity: > 90 %

## Target Details

Target: ZP4

Alternative Name: Zona pellucida sperm-binding protein 4 (ZP4) ([ZP4 Products](#))

Background: Recommended name: Zona pellucida sperm-binding protein 4.  
Alternative name(s): RC55 Zona pellucida glycoprotein 4.  
Short name= Zp-4 Zona pellucida glycoprotein X.  
Short name= Zp-X Zona pellucida protein B Cleaved into the following chain: 1.  
Processed zona pellucida sperm-binding protein 4

UniProt: [Q00193](#)

## 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 modified 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

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.