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Datasheet for ABIN1645964 ZP4 Protein (AA 18-509) (His tag)

Overview

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|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | ZP4 |
| Protein Characteristics: | AA 18-509 |
| Origin: | Cow |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ZP4 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|--|
| Sequence: | LNS WHQSKVPEYP DELRCGLRSF QFTINPLSQE TETPPVLVAW DNHGLPHSLQ NDSDCGTWVS EGPGSSLVGE ASYSGCYVTE WESYYIMTVG IERAGVSGSG AFETKLFKC PVNLPDVPNA GLCDSVPVWD RLPCAPSPIT QGDCKQLGCC YNSEEVISY YGNTVTSHCT QDGHFSIAVS RNVTSPPLLL NSVHLAFRND SECKPVMATH TFVLFRRPFT TCGTTKQITG KQAVYENELV AARDVRTWSR GSITRDSTFR LQVSCSYSAS SSALPVNVQV LTLPPPLPET QPGNLTLELK IAKD KRYRSY YTASDYPVVK LLRDIYVEV SIHQRTDPSL ELRLDQCWAT PGADALLQPQ WPLL VNGCPY TGDNYQTKLI PVWEASDLPF PSHYQRFSIS TFSFVDSVAK RALKGPVYLH CSASVCQPAG TPSCVTLCPA RRRRSSDIHF QNNTASISSK GPLILLQAIQ DSSEKLHKYS RSPVDSQAL |
| Specificity: | Bos taurus (Bovine) |
| 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): Zona pellucida glycoprotein 4.
Short name= Zp-4 Zona pellucida protein B Cleaved into the following chain: 1.
Processed zona pellucida sperm-binding protein 4

UniProt: [Q9BH11](#)

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

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