



[Go to Product page](#)

Datasheet for ABIN1509859
ZP2 Protein (AA 25-664) (His tag)

Overview

Quantity:	1 mg
Target:	ZP2
Protein Characteristics:	AA 25-664
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ZP2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: SLPQSE NPAFPGT LIC DKDEVRVEFS SRFDMEKWNP
SLVDTFGNEI SNCTYALDLE KFILKFPYET CTIKVIGGYQ VNIRVQDTNA DVSYKDDVHH
FFCPAIQAEI HEVSEIVVCM EDLISFSFPQ LFSRLADENQ NVSEMGWIIK IGNNGTRVHTL
PLKDAIVQGF NLLIDSQKIT LHVPANATGV AHYVQESSYL YTVQLKLLFS SPGQKITFSS
QAICAPDLSV ACNVTHMSLT IPEFPGKLKS VGFGQRNIPE DQWHANGIDK EATNGLRLHF
RKSLKTKPS EKCPFYQFYF SSELTFNFQ GDMLSTVIDP ECHCESPVS I DELCTR DGF M
DFEVYSHQTK PALNLESLLV GNSSCQPIFK VQSLGLARFH IPLNGCGTRQ KFEGDKVIYE
NEIHALWENP PSNIIFRNSE FRMTVRCHYI RDSMLLRAHI KSHSSPVASV KPGPLALVLQ
TYPDISYQRP YRKNEYPLVR YLRQPIYMEV TVLNRNDPNI KLVLDCCWAT TFEDPASVPQ
WQIIMDGCEY ELDNYRTTFH AANSSAAHSG HYQRFDVKTF AFVSESRLS SLIYFHCSAL
ICNQASPLCS VTCPAPLRNK REASKEGTMT VSLPGPIILL SDDSSSKGVM NPDSYEITKD
IASK

Product Details

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:	ZP2
Alternative Name:	Zona pellucida sperm-binding protein 2 (Zp2) (ZP2 Products)
Background:	Recommended name: Zona pellucida sperm-binding protein 2. Alternative name(s): Zona pellucida glycoprotein 2. Short name= Zp-2 Zona pellucida protein A Cleaved into the following chain: 1. Processed zona pellucida sperm-binding protein 2
UniProt:	054767

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

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.