

## Datasheet for ABIN1459956 Zona Pellucida Glycoprotein 3 Protein (ZP3) (AA 23-381) (His tag)



Overview

Quantity:1 mgTarget:Zona Pellucida Glycoprotein 3 (ZP3)Protein Characteristics:AA 23-381Origin:CowSource:YeastProtein Type:RecombinantPurification tag / Conjugate:This Zona Pellucida Glycoprotein 3 protein is labelled with His tag.Application:ELISAProduct DetailsGPYWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP LIFLRKMNDR GVEGPTSSPP LSpecificity:Bos taurus (Bovine)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.Purity:> 90 %		
Protein Characteristics: AA 23-381   Origin: Cow   Source: Yeast   Protein Type: Recombinant   Purification tag / Conjugate: This Zona Pellucida Glycoprotein 3 protein is labelled with His tag.   Application: ELISA   Product Details Cockurster   Sequence: QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG   TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR   PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW   SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LEVDHCVASL TPDWSTSPYH TIVDFHGCLV   DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS   FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, marminar cells or by baculovirus infection. Be aware about differences in price and lead time.	Quantity:	1 mg
Origin:CowSource:YeastProtein Type:RecombinantPurification tag / Conjugate:This Zona Pellucida Glycoprotein 3 protein is labelled with His tag.Application:ELISAProduct DetailsSequence:QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV DGLTDASSAF KAPRPPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVOP LIFLRKMNDR GVEGPTSSPP LSpecificity:Bos taurus (Bovine)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.	Target:	Zona Pellucida Glycoprotein 3 (ZP3)
Source: Yeast   Protein Type: Recombinant   Purification tag / Conjugate: This Zona Pellucida Glycoprotein 3 protein is labelled with His tag.   Application: ELISA   Product Details ELISA   Sequence: QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.	Protein Characteristics:	AA 23-381
Protein Type: Recombinant   Purification tag / Conjugate: This Zona Pellucida Glycoprotein 3 protein is labelled with His tag.   Application: ELISA   Product Details Product Details   Sequence: QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG   TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR   PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW   SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV   DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS   FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammacells or by baculovirus infection. Be aware about differences in price and lead time.	Origin:	Cow
Purification tag / Conjugate: This Zona Pellucida Glycoprotein 3 protein is labelled with His tag.   Application: ELISA   Product Details ELISA   Sequence: QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG   TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR   PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW   SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV   DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS   FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammacells or by baculovirus infection. Be aware about differences in price and lead time.	Source:	Yeast
Application: ELISA   Product Details Product Details   Sequence: QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG   TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR   PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW   SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV   DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS   FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.	Protein Type:	Recombinant
Product Details   Sequence: QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG   TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR   PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW   SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV   DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS   FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.	Purification tag / Conjugate:	This Zona Pellucida Glycoprotein 3 protein is labelled with His tag.
Sequence: QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG   TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR   PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW   SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV   DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS   FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammar cells or by baculovirus infection. Be aware about differences in price and lead time.	Application:	ELISA
TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP LIFLRKMNDR GVEGPTSSPP LSpecificity:Bos taurus (Bovine)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.	Product Details	
PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW   SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV   DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS   FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.	Sequence:	QPFWDDET ERFRPSKPPA VMVECQEAQL VVTVDKDLFG
SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP LIFLRKMNDR GVEGPTSSPP LSpecificity:Bos taurus (Bovine)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.		TGKLIRPADL TLGPDNCEPL ASADTDGVVR FAVGLHECGN ILQVTDNALV YSTFLLHNPR
DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP LIFLRKMNDR GVEGPTSSPP LSpecificity:Bos taurus (Bovine)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.		PAGNLSILRT NRAEVPIECH YPRQGNVSSW AIQPTWVPFR TTVFSEEKLV FSLRLMEENW
FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP   LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.		SAEKMTPTFQ LGDRAHLQAQ VHTGSHVPLR LFVDHCVASL TPDWSTSPYH TIVDFHGCLV
LIFLRKMNDR GVEGPTSSPP L   Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.		DGLTDASSAF KAPRPRPEIL QFTVDVFRFA NDSRNMIYIT CHLKVTPVDR VPDQLNKACS
Specificity: Bos taurus (Bovine)   Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.		FSKSSNRWSP VEGPTDICRC CSKGRCGISG RSMRLSHREG RPVPRSRRHV TEEADVTVGP
Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mamma cells or by baculovirus infection. Be aware about differences in price and lead time.		LIFLRKMNDR GVEGPTSSPP L
cells or by baculovirus infection. Be aware about differences in price and lead time.	Specificity:	Bos taurus (Bovine)
	Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
Purity: > 90 %		cells or by baculovirus infection. Be aware about differences in price and lead time.
	Purity:	> 90 %

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## Target Details

Target:	Zona Pellucida Glycoprotein 3 (ZP3)
Alternative Name:	Zona pellucida sperm-binding protein 3 (ZP3) (ZP3 Products)
Background:	Recommended name: Zona pellucida sperm-binding protein 3.
	Alternative name(s): Sperm receptor Zona pellucida glycoprotein 3.
	Short name= Zp-3 Zona pellucida glycoprotein 3B.
	Short name= Zp-3B Zona pellucida protein C Cleaved into the following chain: 1.
	Processed zona pellucida sperm-binding protein 3
UniProt:	P48830
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

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

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