

Datasheet for ABIN7590529

## Sp56 Protein (AA 33-577) (His tag)



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### Overview

Quantity:	100 µg
Target:	Sp56
Protein Characteristics:	AA 33-577
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sp56 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>DCGPPPSL PFASPISQLD EVSFPPGAVL KYTCHHGFKR TNSSHITCDE NGSWVYTTFC</p> <p>ARKRCKNPGE LVNGKIEILS DLLVGLNIEF SCSEGYLLIG SATSRCEVQG KGVNWSDSLPL</p> <p>ECVIATCEPP PVINNGKHSG REEDLYTYGS MVIYSCDPSY TLFGNASIVC TVVNKTVGVW</p> <p>SPHPPACEKI VCHQPQIPKG ELVPGFRHFH TYKDALEIRC KKGFFALRGNS VIHCEANGEW</p> <p>FPSVPTCEPN GCIDIPDISY ASWDGNNRFLP ENTAVFEIGT KLKYRCKPGY RANVHDVQIV</p> <p>TCQENLTWSS PSGCERVCCP TPNMEKIKIV SERRDFTGTC VYAYGDYVFY ICSEGTYPMT</p> <p>TDGRSSCQAD GKWDPAIPSC EADPSLQNHF ALTFPNISET NVTNRTYLLE NENATESFIK</p> <p>AVCPKPEIIN GNLSVEKEIY AEMENITIQC DSGYDLVGSS NIICLENRTW YPDIPFCIME</p> <p>GPEDCEIVNK GRQLLQCLSS PEDVQRALEV YKLSLEIERL EQQREKRTSV HRKAHYTKVD</p> <p>GPFRPFS</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: Sp56

Alternative Name: Zona pellucida sperm-binding protein 3 receptor (Zp3r) ([Sp56 Products](#))

Background: Recommended name: Zona pellucida sperm-binding protein 3 receptor.

Alternative name(s): Sperm fertilization protein 56.

Short name= sp56

UniProt: [Q7TSY4](#)

## 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 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.

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.