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Datasheet for ABIN1474313  
**SPON1 Protein (AA 29-807) (His tag)**

### Overview

Quantity:	1 mg
Target:	SPON1
Protein Characteristics:	AA 29-807
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SPON1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: FS DETLDKVAKS EGYCSRILRA QGTRREGYTE  
FSLRVEGDPD FYKPGSSYRV TLSAAPPSYF RGFTLIALKE NREGDKEEDH AGTFQIIDEE  
ETQFMSNCPV AVTESTPRRR TRIQVFWIAP PTGTGCVILK ASIVQKRIIY FQDEGSLTKK  
LCEQDPTLDG VTDRPILDCC ACGTAKYRLT FYGNWSEKTH PKDYPRRANH WSAIIGGSHS  
KNYVLWEYGG YASEGVKQVA ELGSPVKMEE EIRQQSDEVL TVIKAKAQWP SWQPVNVRAA  
PSAEFSVDRT RHLMSFLTMM GPSPDWNVGL SAEDLCTKEC GWVQKVVDL IPWDAGTDSG  
VTYESPNKPT IPQEKIRPLT SLDHPQSPFY DPEGGSITQV ARVIERIAR KGEQCNIVPD  
NVDDIVADLA PEEKDEDDTP ETCIYSNWSP WSACSSSTCE KGKRMQRML KAQLDLSVPC  
PDTQDFQPCM GPGCSDDEGS TCTMSEWITW SPCSVSCGMG MRSRERYVKQ FPEDGSVCML  
PTEETEKCTV NEECSPSSCL VTEWGEWDDC SATCGMGMKK RHRMVKMSPA DGSMCKAETS  
QAEKCMMEPEC HTIPCLLSPW SEWSDCSVTC GKGMRTQRML LKSLAELGDC NEDLEQAEC  
MLPECPIDCE LSEWSQWSEC NKSCGKGHMI RTRTIQMEPQ FGGAPCPETV QRKKCRARKC

## Product Details

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LRSPSIQKLR WREARESRRS EQLREESDGE QFPGCRMWP TAWSECTKLC GGGIQERYMT  
VKKRFKSSQF TSCKDKKEIR ACNVHPC

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

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Target: SPON1

Alternative Name: Spondin-1 (Spon1) ([SPON1 Products](#))

Target Type: Viral Protein

Background: Recommended name: Spondin-1.  
Alternative name(s): F-spondin

UniProt: [P35446](#)

## Application Details

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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

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

## Handling

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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.