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Datasheet for ABIN1628134  
**IWS1 Protein (AA 1-764) (His tag)**

Overview

Quantity:	1 mg
Target:	IWS1
Protein Characteristics:	AA 1-764
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IWS1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence: MDSEYYSGDQ SDDGGATPVQ DERDSGSDGE DDVNEQHSGS DTGSVDRHSE NETSDREDGL  
 TKIHNGTDSE NDEPSNVHAS DSESEELHRP KSDSESEEH AESPASDEN EAVHQQGS  
 EKEELLNGHA SDSEKEEGRK HAASDSE TED TLQPQGS ESD SEDPPRPQAS DSESEPPKP  
 RISDSESEEL PKPRISDSES EDPPRPQVSD SESEELPKPR VSDSESEDP RPQASDSESE  
 ELPKPRVSDS ESEDPQKGPA SDSEAEDASR HKEKPESEDS DGENKREDSE VQNESDGHAD  
 RKGLHSSDSE EEPKQKID SDDDGEKEGD EKVAKRKA AV LSDSEDEKA SAAKSRVIS  
 DADDSDSDVV SDKSGKREKT VASDSEEEVG KEESVKKSE EKDLFGSDSE SGNEEENLIA  
 DIFGESGDEE EEEFTGFNQE DLEEEKNETQ LKEAEDSDSD DNIKRGKHMD FLSDFEMMLQ  
 RKKSMCGKRR RNRDGGTFIS DADDVVSAMI VKMNEAAEED RQLNNQKKA LKKLTLLPTV  
 VMHLKKQDLK ETFIDSGVMS AIKEWLSPLP DRSLPALKIR EELLKILQEL PSVSQETLKH  
 SGIGRAVMYL YKHPKESRSN KDMAGKLINE WSRPIFGLTS NYKGMTREER EQRDLEQMPQ  
 RRRMSSTGGQ TPRRDLEKVL TGEKALRPG DPGFCARARV PMPNSNKDYVV RPKWNVEMES

## Product Details

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SRPGILKKGL SRLEKHKRRF AEQKRLSQMH RAVKFSIEGN RMPL

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: IWS1

Alternative Name: Protein IWS1 homolog (Iws1) ([IWS1 Products](#))

Background: Recommended name: Protein IWS1 homolog.  
Alternative name(s): IWS1-like protein

UniProt: [Q3SWT4](#)

## 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

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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