

Datasheet for ABIN7591632

## SERPINB5 Protein (AA 1-375) (His tag)



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### Overview

Quantity:	100 µg
Target:	SERPINB5
Protein Characteristics:	AA 1-375
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SERPINB5 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MDALRLANSA FAVELFKQLC EKEPAGNILF SPICLSTSLA LAQVGAKGDT ANEIGQVLHF ENVKDVPPGF KPITSDVNKL SSFYSLKLIK RLYIDKSLNL STEFISSTKR PYANELETVD FKDKLEETKG QINSSIKELT DGHFEDILPE NSISDQTKIL VVNAAYFVGK WMKKFPESET KECPFRINKT DTKPVQMMNL EATFCLGNID DINCKIIELP FQNKHLSMLI VLPKDVEDES TGLEKIEKQL NPETLLQWTN PSTMANAKVK LSLPKFKVEK MIDPKASLES LGLKSLFNES TSDFSGMSET KGVSVSNVIH RVCLEITEDG GDSIEVPGSR ILQHKDEFKA DHPFLFIVRH NKTRNIVFLG KFSSP
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:	SERPINB5
Alternative Name:	Serpin B5 (Serpib5) ( <a href="#">SERPINB5 Products</a> )
Background:	Recommended name: Serpin B5. Alternative name(s): Maspin Peptidase inhibitor 5. Short name= PI-5
UniProt:	<a href="#">P70564</a>
Pathways:	<a href="#">p53 Signaling</a>

## 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 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