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Datasheet for ABIN1643812  
**IGFBP5 Protein (AA 22-265) (His tag)**

## Overview

Quantity:	1 mg
Target:	IGFBP5
Protein Characteristics:	AA 22-265
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This IGFBP5 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	LGSFVHCEP CDDKAMSMCP PTPVGCELVK EPGCGCCMTC ALAEGHRCGV YTEHCAKGLR CLPEQGEEKP LHALLHGRGV CLNLKNHRDQ SKIDRESREE DPTTSETEDI YQSKHRGKMR LSDQKAIALN TFRQKKHSQS RIVSVEKVQS PSTPEHSIEI DMGPCRRQVE TLMQEMKLSH RVYPRAFYLP NCDRKGIFYKR KQCKPSRGRK RGLCWCVDKY GLKLPGIDYV NGDLQCHSFD SSNTE
Specificity:	Xenopus laevis (African clawed frog)
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:	IGFBP5
Alternative Name:	Insulin-like growth factor-binding protein 5 (igfbp5) ( <a href="#">IGFBP5 Products</a> )
Background:	Recommended name: Insulin-like growth factor-binding protein 5. Short name= IBP-5. Short name= IGF-binding protein 5. Short name= IGFBP-5. Short name= xIGFBP-5
UniProt:	<a href="#">Q90WV8</a>
Pathways:	<a href="#">WNT Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a> , <a href="#">Growth Factor Binding</a>

## 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 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.