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## Datasheet for ABIN7479001 F12 Protein (AA 20-371) (His tag)

### Overview

Quantity:	100 µg
Target:	F12
Protein Characteristics:	AA 20-371
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This F12 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	I PPWKDPRKHK VMASEHTVVL TVTGEPCHFP FQYYRQLYYK CIQRGQRGPR PWCATTPNFE KDQRWAYCLE PMKVKDHCNK GNPCQKGGTC VNMPNGPHCI CPDHFTGKHC QKEKCFEPQF LQFFQENEIW HRFEPAGVSK CQCKGPKAQC KPVASQVCST NPCLNGGSCL QTEGHRLCRC PTGYAGRLCD VDLKERCYSD RGLSYRGMAQ TTLSGAPCQP WASEATYWNM TAEQALNWGL GDHAFCRNPD NDTRPWCFVW RGDQLSWQYC RLARCQAPIG EAPPILTPTQ SPSEHQDSPL LSREPQPTTQ TPSQNLTS AW CAPPEQRGPL PSAGLVGCGQ RLRKRLSSLN R
Specificity:	Sus scrofa (Pig)
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:	F12
Abstract:	<a href="#">F12 Products</a>
Background:	<p>Recommended name: Coagulation factor XII.</p> <p>EC= 3.4.21.38.</p> <p>Alternative name(s): Hageman factor.</p> <p>Short name= HAF Cleaved into the following 2 chains: 1.</p> <p>Coagulation factor XIIa heavy chain 2.</p> <p>Coagulation factor XIIa light chain</p>
UniProt:	<a href="#">O97507</a>
Pathways:	<a href="#">Complement System</a>

## Application Details

Comment:	<p>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.</p>
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.