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Datasheet for ABIN1475572

**F13A1 Protein (AA 39-732) (His tag)**

## Overview

Quantity:	1 mg
Target:	F13A1
Protein Characteristics:	AA 39-732
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This F13A1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	GV SLKDYLNVTA VHLFKERWDS NKIVHHTDKF DNNKLIVRRG QTFYIQIDFN RPYDPRKDLE RVEYVIGRYP QENKGTIYPV PVVTELSQSGK WGAKVIMNED RSVRLSVQSS PECIVGKFRM YVAVWTPYGI LRTQRDPETD TYILFNPWCE EDAVYLDDEK EREEYVLNDI GGIFHGDFND IKSRWSYSGQ FEDGILDAFL FVMDKAEMDL SGRGNPIKVS RVGSAMVNAK DDEGVLVGSW DNVYAYGIPP SAWTGSVDIL LEYRSSETPV RYQCWVLAG VFNTFLRCLG IPARVITNYS SAHDNDANLQ MDIFLEEDGS VSFKLTKDSV WNYHCWNEAW MTRPDLVPGF GGWQAVDSTP QENS DGM YRC GPASVQAVKH GHVCFQFDAP FVLGEVNSDL VYITAKKDGT HVVENVDATH IGKLIVTKEI GGDGMQDITD TYKFQEGQEE ERLALETALM YGAKKTLNTE GMVKSSSDVD MNFDEVNAVL GKDFRVTITF QNNSSNLYTI LAYLSGNITF YTGVSKEFEK TESFEVTLDP LSLEKKEVLI RAGEYMSYLL EQGLLHFFVT ARINETRVVL AKQKAIULTI PKVTIKVRGT AMVGSDMVVT VEFTNPLKET LKNVWLHLEG PGVMRPKRKM FREIRPNATV QWEEVCQPWW SGHRKLNASM TSDSLRHVYG ELDLQIRRRP TV
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## Product Details

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:	F13A1
Alternative Name:	Coagulation factor XIII A chain (F13a1) ( <a href="#">F13A1 Products</a> )
Background:	<p>Recommended name: Coagulation factor XIII A chain.</p> <p>Short name= Coagulation factor XIIIa.</p> <p>EC= 2.3.2.13.</p> <p>Alternative name(s): Protein-glutamine gamma-glutamyltransferase A chain Transglutaminase A chain</p>
UniProt:	<a href="#">O08619</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>
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Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

## Handling

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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.