

Datasheet for ABIN1659800

Secretory Aspartyl Proteinase SAP3p (SAP3) (AA 59-398) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Secretory Aspartyl Proteinase SAP3p (SAP3)
Protein Characteristics:	AA 59-398
Origin:	Candida albicans
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	QT VPVKLINEQV SYASDITVGS NKQKLTVID TGSSDLWVPD SQVSCQAGQG QDPNFCKNEG TYSPSSSSSS QNLNSPFSIE YDGTTSQGT WYKDTIGFGG ISITKQQFAD VTSTSVDQGI LGIGYKTHEA EGNVDNVPVT LKNQGIISKV AYSLYLNSRQ ATSGQIIFGG VDNAKYSGL IALPVTSDNE LRIHLNTVKV AGQSINADVD VLLDSGTTIT YLQQGVADQV ISAFNGQETY DANGNLFYLV DCNLGSGVDF AFDKNAKISV PASEFTAPLY TEDGQVYDQC QLLFGTSDYN ILGDNFLRSA YIVYDLDDNE ISLAQVKYTT ASNIAALT
Specificity:	Candida albicans (Yeast)
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:	Secretory Aspartyl Proteinase SAP3p (SAP3)
Alternative Name:	Candidapepsin-3 (SAP3)
Background:	Recommended name: Candidapepsin-3. EC= 3.4.23.24. Alternative name(s): ACP 3 Aspartate protease 3 Secreted aspartic protease 3
UniProt:	P0CY28

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 modiflicated 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.