Datasheet for ABIN1511619

FKBP1A Protein (AA 2-108) (His tag)

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Overview

Quantity:	1 mg
Target:	FKBP1A
Protein Characteristics:	AA 2-108
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP1A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GVQVETITE GDGRTFPKKG QTVVVHYVGS LENGKKFDSS RDRNKPFKFI IGRCEVIRGW EEGVAQMSVG QRARLTCSPD FAYGATGHPG IIPPNATLTF DVELLRLE
Specificity:	Xenopus laevis (African clawed frog)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	FKBP1A
Alternative Name:	Peptidyl-prolyl cis-trans isomerase FKBP1A (fkbp1a) (FKBP1A Products)

Target Details

Background:	Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP1A. Short name= PPIase FKBP1A. EC= 5.2.1.8. Alternative name(s): 12 kDa FK506-binding protein. Short name= 12 kDa FKBP. Short name= FKBP-12 FK506-binding protein 1A. Short name= FKBP-1A Immunophilin FKBP12 Rotamase
UniProt:	O42123
Pathways:	Negative Regulation of Transporter Activity, Methionine Biosynthetic Process

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 modificated 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.