Datasheet for ABIN1659690

FKBP4 Protein (AA 1-382) (His tag)

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Overview

Quantity:	1 mg
Target:	FKBP4
Protein Characteristics:	AA 1-382
Origin:	Rhizopus oryzae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSVQGFWGLQ LVPGKTYSQV VSAPFRITMA SLAADAEAGK RTSVSVLVDE KEFVLCTLVP NKIEQQPLDI TFVEGEEVTF SAKGQNNIHL TGNYVFQDDE DDEMGASMID SDEEDNVEDF LKKLPPNASK EDINKALLGL EVDEEIESDE EVESDEEIES DEEIESEEEE EEPVPVSKKR PAEEVKEIAS KKQKAEKKEQ PKKEKSKKEE PKKEEPKKEQ PKKEEPKKKE EPKKKEEPKK KEEPKKKEEP KKKEEPKKKE EPKKKEEPKK KITKLPNGLI IEDIKMGEGA SCKNGQRVGM RYIGKLTNGK VFDKNVSGKP FSFLLGRGEV IKGWDLGIAG MKAGGERKLT IPAPLAYGKR GAPPDIPKNA TLVFDVKLLS MK
Specificity:	Rhizopus oryzae (Rhizopus delemar)
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:	FKBP4
Alternative Name:	FK506-binding protein 4 (FKBP4) (FKBP4 Products)
Background:	Recommended name: FK506-binding protein 4. EC= 5.2.1.8. Alternative name(s): Peptidyl-prolyl cis-trans isomerase. Short name= PPIase Rotamase
UniProt:	P0C1J6
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway

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.