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Datasheet for ABIN1639583 FKBP5 Protein (AA 1-457) (His tag)

Overview

Quantity:	1 mg
Target:	FKBP5
Protein Characteristics:	AA 1-457
Origin:	Green Monkey
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MTTDEGAKNS GESPTATVAE QGEDITSKGD RGVLKIVKRV GNGEETPMIG DKVYVHYKGG</p> <p>LSNGKKFNSS HDRNEPFVFS LGKSQVIKAW DIGVATMKKG EICHLCKPE YAYGSAGSVP</p> <p>KIPSNATLFF EIELLDFKGE DLLEDGGIIR RTKRKGEGYS NPNEGATVEI HLEGRCGERM</p> <p>FDCRDVAFTV GEGEDHDIPI GIDKALEKMQ REEQCILYLG PRYGFGEAGK PKFGIEPNAE</p> <p>LIYEVTLKSF EKAKESWEMD TKEKLEQAAI VKEKGTVYFK GGYMRAVIQ YGKIVSWLEM</p> <p>EYGLSEKESK ASESFLAAF LNLAMCYLKL REYTKAVECC DKALGLDSAN EKGLYRRGEA</p> <p>QLLMNEFESA KGDFEKVLEV NPQNKAARLQ ISMCQKKAKE HNERDRRIYA NMFKKFAEQD</p> <p>AKEEANKAMG KKTSEGVNTNE KGTDSSAVEE EKAEGHV</p>
Specificity:	Chlorocebus aethiops (Green monkey) (Cercopithecus aethiops)
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.

Product Details

Purity: > 90 %

Target Details

Target: FKBP5

Alternative Name: Peptidyl-prolyl cis-trans isomerase FKBP5 (FKBP5) ([FKBP5 Products](#))

Background: Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP5.
Short name= PPlase FKBP5.
EC= 5.2.1.8.
Alternative name(s): 51 kDa FK506-binding protein.
Short name= 51 kDa FKBP.
Short name= FKBP-51 FK506-binding protein 5.
Short name= FKBP-5 Rotamase

UniProt: [Q95L05](#)

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

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.