Datasheet for ABIN7591317

FKBP4 Protein (AA 1-458) (His tag)

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Overview

Quantity:	100 µg
Target:	FKBP4
Protein Characteristics:	AA 1-458
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTAEEMKVAE NGAQSAPLPL EGVDISPKQD EGVLKVIKRE GTGTETAMIG DRVFVHYTGW LLDGTKFDSS LDRKDKFSFD LGKGEVIKAW DIAVATMKVG EVCHITCKPE YAYGSAGSPP KIPPNATLVF EVELFEFKGE DLTEDEDGGI IRRIRTRGEG YARPNDGAMV EVALEGYYND RLFDQRELCF EVGEGESLDL PCGLEEAIQR MEKGEHSIVY LKPSYAFGSV GKERFQIPPH AELRYEVHLK SFEKAKASWE MNSEEKLEQS NIVKERGTVY FKEGKYKQAL LQYKKIVSWL EYESSFSGEE MQKVHALRLA SHLNLAMCHL KLQAFSAAIE SCNKALELDS NNEKGLFRRG EAHLAVNDFD LARADFQKVL QLYPSNKAAK TQLAVCQQRT RRQLAREKKL YANMFERLAE EEHKAKTEVA AGDHPTDAEM KGEPNNVAGN QAQVKTEA
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	FKBP4
Alternative Name:	Peptidyl-prolyl cis-trans isomerase FKBP4 (Fkbp4) (FKBP4 Products)
Background:	Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP4. Short name= PPIase FKBP4. EC= 5.2.1.8. Alternative name(s): 52 kDa FK506-binding protein. Short name= 52 kDa FKBP. Short name= FKBP-52 59 kDa immunophilin. Short name= p59 FK506-binding protein 4. Short name= FKBP-4 FKBP59 HSP-binding immunophilin. Short name= HBI Immunophilin FKBP52 Rotamase Cleaved into the following chain: 1. Peptidyl-prolyl cis-trans isomerase FKBP4, N-terminally processed
UniProt:	Q9QVC8
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

Handling

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.