Datasheet for ABIN7585623

PPID Protein (AA 2-370) (His tag)

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Overview

Quantity:	100 µg
Target:	PPID
Protein Characteristics:	AA 2-370
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPID protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SHPSPQAKP SNPSNPRVFF DVDIGGERVG RIVLELFADI VPKTAENFRA LCTGEKGIGP TTGKPLHFKG CPFHRIIKKF MIQGGDFSNQ NGTGGESIYG EKFEDENFHY KHDKEGLLSM ANAGSNTNGS QFFITTVPTP HLDGKHVVFG QVIKGMGVAK ILENVEVKGE KPAKLCVIAE CGELKEGDDW GIFPKDGSGD SHPDFPEDAD VDLKDVDKIL LISEDLKNIG NTFFKSQNWE MAIKKYTKVL RYVEGSRAAA EDADGAKLQP VALSCVLNIG ACKLKMSDWQ GAVDSCLEAL EIDPSNTKAL YRRAQGWQGL KEYDQALADL KKAQEIAPED KAIQAELLKV KQKIKAQKDK EKAAYAKMFA
Specificity:	Bos taurus (Bovine)
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:	PPID
Alternative Name:	Peptidyl-prolyl cis-trans isomerase D (PPID) (PPID Products)
Background:	Recommended name: Peptidyl-prolyl cis-trans isomerase D. Short name= PPIase D. EC= 5.2.1.8. Alternative name(s): 40 kDa peptidyl-prolyl cis-trans isomerase Cyclophilin-40. Short name= CYP-40 Cyclophilin-related protein Estrogen receptor-binding cyclophilin Rotamase D
UniProt:	P26882
Pathways:	Nuclear Hormone Receptor Binding

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

Handling

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