Datasheet for ABIN7588024

PIF1 Protein (AA 1-637) (His tag)

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Overview

Quantity:	100 µg
Target:	PIF1
Protein Characteristics:	AA 1-637
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIF1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPSSTEVATD ECDDTELRCR VAVEELSPGG QPRKRQALRA AELSLGRNER RELMLRLQAP GPEGRPRCFP LRAVRLFTRF AAVGRSTLRL PADGVPRAGS VQLLLSDCPP ERLRRFLRTL RLKLAVAPGP GPASARAQLL GPRPRDFVTI SPVQPEELRR AAATKAPDSA LEKRPMESQP SMEAPRWPLP VKKLRMPSSK PKLSEEQAAV LRMVLKGQSI FFTGSAGTGK SYLLKHILGS LPPTGTVATA STGVAACHIG GTTLHAFAGI GSGQAPLAQC VALAHRPGVR QGWLNCQRLV IDEISMVEAD FFDKLEAVAR AVRQQKKPFG GIQLIICGDF LQLPPVTKGS QHPRFCFQAK SWRKCVPVTL ELTEVWRQAD QTFISLLKAV RLGRCSDEVT RQLRATAAHK VGRDGIIATR LCTHQDDVAL TNEKRLKELP GDVHSFEAID SDPELSRTLD AQCPVGRVLQ LKLGAQVMLV KNLAVSRGLV NGARGVVVGF ESEGRGLPRV RFLCGITEVI RTDRWTVQVT GGQYLSRQQL PLQLAWAMSI HKSQGMSLDC VEISLGRVFA SGQAYVALSR ARSLQGLRVL DFDPTVVRCD SRVLQFYATL RQGRGLSLES QDDEEASSDL ENMDPNL
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	PIF1
Alternative Name:	ATP-dependent DNA helicase PIF1 (Pif1) (PIF1 Products)
Background:	Recommended name: ATP-dependent DNA helicase PIF1. EC= 3.6.4.12. Alternative name(s): PIF1/RRM3 DNA helicase-like protein
UniProt:	Q1HG60

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

Handling

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