

Datasheet for ABIN7585406

PADI1 Protein (AA 1-662) (His tag)



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Overview

Quantity:	100 µg
Target:	PADI1
Protein Characteristics:	AA 1-662
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PADI1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MASQRAVQLS LRKPAHAVCV IGVGTLVDVY SDVPKGAKTF EVSGSSEVKI YMVYDPSRVA EPAGPAHWPL DANVDVVVVA DTVSKNLHDL KVKVSYFKSQ DTAALAHSL YLTAVDVSLD VDTGRTGKVK KGSGDKKNWR WSGGGSGAIL LVNCDRDVHG SREDLHDSHL RSLEDLQDMS PMVLSCDGPD DLFKSHKPVL KASLPDSRRL GVFCARGGTS LSNYKQVLGP RHNSYEVEERH PGERDIQFYV EGLAFPDASF SGLLSLSVSL VDTRPLSEVL VFTDSVTFRV APWIMTPNTQ PPLELYVCSV TDMHGSNDKF LEDMSHLATK ANCKLVVCPR LENRNRDWIQ DEMEFGYIDA PHKSFPVVFD SPRNRGLRDF ALKKILGPDF GYVTREIQFA GASGLDSFGN LDVSPPVVRVG NTEYPLGRIL IGGNFPKSSG RRMARVVRDF LHAQQVQAPV ELYSDWLSVG HVDEFLSFVP TSDQKGFRL LASPSACLQL FQEKKEEGYG EAKQFDGLKH KTKRSINDIL ADRHLRRDSA HVQKCIDWNR EVLKQELGLS ESDIVDIPQL FFLKGAYAEA FFPDMVMNVV LGKYLGIKPK FGPIINGRCC LEEKVRSLE PLGLRCVFID DFLFYHQLLG EIHCGTNVRR KPFAFRWWNS VP
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	PADI1
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Alternative Name:	Protein-arginine deiminase type-1 (Padi1) (PADI1 Products)
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Background:	Recommended name: Protein-arginine deiminase type-1. EC= 3.5.3.15. Alternative name(s): PAD-R11 Peptidylarginine deiminase I Protein-arginine deiminase type I
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UniProt:	O88806
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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 modified 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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Handling

Storage: -20 °C

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