

Datasheet for ABIN7585407

PADI2 Protein (AA 1-665) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PADI2
Protein Characteristics:	AA 1-665
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PADI2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MLRERTVRLQ YGSRVEAVYV LGTQLWTDVY SAAPAGAKTF SLKHSEGVKV EVVRDGEAEE</p> <p>VVTNGKQRWA LSPSTTLRLS MAQASTEASS DKVTVNYEE DGSAPIDQAG LFLTAIEISL</p> <p>DVDADRDGEV EKNPNKKASW TWGPEGQGA LLVNCDRDTP WLPKEDCSDE KVYSKQDLQD</p> <p>MSQMILRTKG PDRLPAGYEI VLYISMSDSD KVGVFYVENP FFGQRYIHIL GRQKLYHVVK</p> <p>YTGGSSELLF FVEGLRFPDE SFSGLVSIHV SLLEYMAEDI PLTIPTDTV TFRIAPWIMT</p> <p>PNILPPVSVF VCCMKDNYLF LKEVKNLVEK TNCELKVCQF YMNRGDRWIQ DEIEFGYIEA</p> <p>PHKGFPVVDL SPRDGNLKDF PIKQLLGPDF GYVTREPLFE TVTSLDSFGN LEVSPPVTVN</p> <p>GKAYPLGRIL IGSSFPLSGG RRMTKVVRDF LQAQVQAPV ELYSDWLTVG HVDEFMTFVP</p> <p>IPGKKEFRLL MASTSACYQL FREKQKEGHG EAIMFKGLGG MSSKRITINK ILSNESLTQE</p> <p>NQYFQRCLDW NRDILKKELA LTKDIIDL ALFKMDEDRQ ARAFFPNMVN MIVLDKDLGI</p> <p>PKPFGPQVEE ECCLETHVRG LLEPLGLACT FIDDISAYHK FLGEVHCGTN VRRKPFTFKW WHMVP</p>
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.
------------------	--

Purity:	> 90 %
---------	--------

Target Details

Target:	PADI2
---------	-------

Alternative Name:	Protein-arginine deiminase type-2 (Padi2) (PADI2 Products)
-------------------	--

Background:	Recommended name: Protein-arginine deiminase type-2. EC= 3.5.3.15. Alternative name(s): Peptidylarginine deiminase II Protein-arginine deiminase type II
-------------	--

UniProt:	P20717
----------	------------------------

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.
----------	--

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.