



[Go to Product page](#)

Datasheet for ABIN1473583
PADI3 Protein (AA 1-664) (His tag)

Overview

Quantity:	1 mg
Target:	PADI3
Protein Characteristics:	AA 1-664
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PADI3 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSLQRTVRVS LEHPTSAVCV AGVETIVDIY GSVPEGTDMF EVYGTGPGVDI YVSPSMERNR ERADTRRWCF NKGLEIIVVM NSPSNDLNDS HVQIAYHSSH EHLPLAYAVL YLTCVDITLD CDMNCADRQD RSFVDKRQWM WGPDPGYGAIL LVNCDRDEVS SDAQDNCDQC VRCLQDLED SVMVLRTQGP ESLFDDHRLI LHTSSCAER ARVFHVCGPE DSCEAYRCVL GPDRMSYEVP RLKGYEERFY VEGLSFPDAG FPGILSFHIT LLDDSNEDYS ETPIFTDTVV FRVAPWIMTP STLPPLEVYV CQVRNNTCFV EAVEELARKA GCKLTICPQA ENRNDRWIQD EMELGYTQAP HKTLPVVFDSPRNGELQGF YKRILGLDFG YVTREPPDSS VSGLDSFGNL EVSPPVWANG KEYPLGRILI GGNLPGSRGR RVTQVVRDFL HAQKVQPLVE LFVDWLAVGH VDEFSLFVPA PDGKGFRLLL ASPGACFRLF QEKQKWGHGR SLLFEGVIGD RRVQTISINQ VLSNQSLINF NKFAQSCIDW NREVLKRELG LGESDIIDIP QLFKSEKRKA VAFFPDLVNM LVLGKHLGIP KPF GPIINGR CCLEEKVRSL LEPLGLHCTF IDDFTPYHML HGEVHCNTV RREPFAFKWW HMVP
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: PADI3

Alternative Name: Protein-arginine deiminase type-3 (Padi3) ([PADI3 Products](#))

Background: Recommended name: Protein-arginine deiminase type-3.
EC= 3.5.3.15.
Alternative name(s): Peptidylarginine deiminase III Protein-arginine deiminase type III

UniProt: [P70708](#)

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.