

Datasheet for ABIN7585409

PAD4 Protein (AA 1-666) (His tag)



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Overview

Quantity:	100 µg
Target:	PAD4 (PADI4)
Protein Characteristics:	AA 1-666
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PAD4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAQGAVIHVA PEEPTHAVCV VGTATPLDIR GSAPRGSTSF SITASPEVVV DVIHGPPSKK STTGASKWPL DPKLEVTLQM KAASSRIDQ KVRISYYGPK TSSTQALLYL TGVELSLSAD VTRTGKAKPA PAGKDQSTWT WGPDGHGAIL LVNCDKEDPK SSGMDFEDDK VLDNKDLQDM SPMTLSTKTP KDFFDKYQLV LQVPKAKMNK VRVFRATR GK LPSRYKVVLG PQQFSHRLEL LGGQHSTDFY VEGLAFPDAD FKGLIPTIS LLDKSNPELP EALVFQDTVM FRVAPWIMTP NTQPPQEVYV CRFSDNEDFL KSLATFTKKA KCKLTVCP EE ENQDDQWMQD EMEIGYIQAP HKTLPVVFDS PRDRGLKDFP VKRVMGPNFG YVTRGLYRAE VTGLDAFGNL EVSPPVTVRG KEYPLGRILI GSSGYSSSES RDMHQILQDF LGAQQVQAPV RLFSDWLFVG HVDEFLSFVP ARGKQGFRL LSSPRACYQM FQELQTEGHG EASLFEGLKR KRQTISDILS SQKL RDQNAY VESCIDWNRE VLKRELGLTE GDIIDIPQLF RIVGNSRGNP KAEAFFPNMV NMLVLGKHLG IPKPF GPIIN GRCCLEEKVC SLLEPLGLHC TFINDFYSYH MYHGEVHCGT NVRRKPFAFK WWHMVP
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Product Details

Specificity:	Rattus norvegicus (Rat)
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:	PAD4 (PADI4)
Alternative Name:	Protein-arginine deiminase type-4 (Padi4) (PADI4 Products)
Background:	Recommended name: Protein-arginine deiminase type-4. EC= 3.5.3.15. Alternative name(s): PAD-R4 Peptidylarginine deiminase IV Peptidylarginine deiminase type alpha Protein-arginine deiminase type IV
UniProt:	O88807

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

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.