

Datasheet for ABIN7556376

PADI3 Protein (AA 1-664) (His tag)



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Overview

Quantity:	1 mg
Target:	PADI3
Protein Characteristics:	AA 1-664
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PADI3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Padi3 Protein expressed in mammalian cells.
Sequence:	MSLQRIVRVS LEHPTSAVCV AGVETIVDIY GAVPEGTDMF EVYGTGVDI YVSPSMERSR ERADTRRWCF NKGLEIIVIM NSPSNDLNDV HVQIAYHSSR EHLPLAYAVL YLTCVDITLD CDMNCADRQD RSFVDKRQWV WGPDGYGAIL LVNCDRDNDV SNAQDNCDQY VRCLQDLEDV SVMVLRTQGP EALFEDHRLI LHTSSCDAER ARVFHVCGPE DSCESYKCVL GPDRMSYEVV RLKGYEERFF VEGLSFPDAG FPGLSFHVT LLDDSNEDFS ETPIFTDTAV FRVAPWIMTP STLPPLEVYV CRVRNNTCFV EAVEELARKA GCKLTICPQA ENRNDRWIQD EMELGYVQAP HKTLPVVFDS PRNGELQGFP YKRILGLDFG YVTREPKDSS VSGLDSEFNL EVSPPVWANG KEYPLGRILI GGNLPGSRGR RVTQVVRNFL HAQKVQPLVE LFVDWLAVGH VDEFSLFVPA PDGKGFRLLL ASPGACFRLF QEKQKWGHGR SLLFEGVIGD RRVQTVSINQ ILNNQSLINF NKFAQSCIDW NREVLKRELG LAEGDIIDIP QLFKTEKRKA VAFFPDLVNM LVLGKHLGIP KPFGPIINGR CCLEEKVRSL LEPLGLHCTF IDDFTPYHML HGEVHCGTNV RREPFAFKWW HMVP Sequence without tag. The proposed Purification-Tag is based on experiences with the

Product Details

expression system, a different complexity of the protein could make another tag necessary.

In case you have a special request, please contact us.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PADI3
Alternative Name:	Padi3 (PADI3 Products)
Background:	Protein-arginine deiminase type-3 (EC 3.5.3.15) (Peptidylarginine deiminase III) (Protein-arginine deiminase type III),FUNCTION: Catalyzes the deimination of arginine residues of proteins. {ECO:0000250 UniProtKB:Q9ULW8}.
Molecular Weight:	75.1 kDa
UniProt:	Q9Z184

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months