

Datasheet for ABIN7550406

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



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Overview

Quantity:	1 mg
Target:	PADI3
Protein Characteristics:	AA 1-664
Origin:	Human
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:	<p>MSLQRIVRVS LEHPTSAVCV AGVETLVDIY GSVPEGTEMF EVYGTGVDI YISPNMERGR</p> <p>ERADTRRWRF DATLEIIVVM NSPSNDLNDS HVQISYHSSH EPLPLAYAVL YLTCVDISLD</p> <p>CDLNCEGRQD RNFVDKRQWV WGPSGYGGIL LVNCDRDDPS CDVQDNCQDH VHCLQDLEDM</p> <p>SVMVLRTQGP AALFDDHKL V LHTSSYDAKR AQVFHICGPE DVCEAYRHVL GQDKVSYEVP</p> <p>RLHGDEERFF VEGLSFPDAG FTGLISFHVT LLDDSNEDFS ASPIFTDTVV FRVAPWIMTP</p> <p>STLPPLEVYV CRVRNNTCFV DAVAELARKA GCKLTICPQA ENRNDRWIQD EMELGYVQAP</p> <p>HKTLPVVFDS PRNGELQDFP YKRILGPDFG YVTREPRDRS VSGLDSFGNL EVSPPVVANG</p> <p>KEYPLGRILI GGNLPGSSGR RVTQVVRDFL HAQKVQPPVE LFVDWLAVGH VDEFSLFVPA</p> <p>PDGKGFRMLL ASPGACFKLF QEKQKCGHGR ALLFQGVVDD EQVKTISINQ VLSNCKDLIN</p> <p>NKFVQSCIDW NREVLKRELG LAECDIIDIP QLFKTERKKA TAFFPDLVNM LVLGKHLGIP</p> <p>KPFGPIINGC CCLEEKVRSL LEPLGLHCTF IDDFTPYHML HGEVHCGTNV CRKPFSFKWW NMVP</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the</p>

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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:0000269 PubMed:27866708}.
Molecular Weight:	74.7 kDa
UniProt:	Q9ULW8

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