

Datasheet for ABIN7550546
PADI1 Protein (AA 1-663) (His tag)



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Overview

Quantity:	1 mg
Target:	PADI1
Protein Characteristics:	AA 1-663
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PADI1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PADI1 Protein expressed in mammalian cells.
Sequence:	MAPKRVVQLS LKMPHAVCV VGVEAHVDIH SDVPKGANSF RVSGSSGVEV FMVYNRTRVK EPIGKARWPL DTDADMVSV GTASKELKDF KVRVSYFGEQ EDQALGRSVL YLTGVDISLE VDTGRTGKVK RSQGDKKTWR WGPEGYGAIL LVNCDRDNHR SAEPDLTHSW LMSLADLQDM SPMLLSCNGP DKLFDSHKL VLNVPFSDSKR VRFVCARGGN SLSDYKQVLG PQCLS YEVEVER QPGEQEIKFY VEGLTFPDAD FLGLVLSVS LVDPGTLPEV TLFTDTVGFR MAPWIMTPNT QPPEELYVCR VMDTHGSNEK FLEDMSYTL KANCKLTICP QVENRNRWI QDEMEFGYIE APHKSFPVVF DSPRNRGLKD FPYKRILGPD FGYVTREIPL PGPSSLDSEFG NLDVSPPVTV GGTEYPLGRI LIGSSFPKSG GRQMARAVERN FLKAQQVQAP VELYSDWLSV GHVDEFLTFV PTSDQKGFRL LLASPSACKL LFQEKKEEGY GEAAQFDGLK HQAKRSINEM LADRHLQRDN LHAQKCIDWN RNVLKRELGL AESDIVDIPQ LFFLKNFYAE AFFPDMVMNV VLGKYLGIK PYGPIINGRC CLEEKVQSL EPLGLHCIFI DDYLSYHELQ GEIHC GTNVR RKPFPFKWWN MVP 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: PADI1

Alternative Name: PADI1 ([PADI1 Products](#))

Background: Protein-arginine deiminase type-1 (EC 3.5.3.15) (Peptidylarginine deiminase I) (Protein-arginine deiminase type I),FUNCTION: Catalyzes the deimination of arginine residues of proteins. {ECO:0000269|PubMed:12416996, ECO:0000269|PubMed:27393304, ECO:0000269|PubMed:30044909}.

Molecular Weight: 74.7 kDa

UniProt: [Q9ULC6](#)

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
