



Recombinant Human Protein-arginine deiminase type-1 (PADI1)

Product Code	CSB-EP891543HU-B
Abbreviation	PADI1
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9ULC6
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<p>MAPKRVVQLS LKMPHAVCV VGVEAHVDIH SDVPKGANSF RVSGSSGVEV FMVYNRTRVK EPIGKARWPL DTDADMVVSV GTASKELKDF KVRVSYFGEQ EDQALGRSVL YLTGVDISLE VDTGRTGKVK RSQGDKKTWR WGPEGYGAIL LVNCDRDNHR SAEPDLTHSW LMSLADLQDM SPMLLSCNGP DKLFDSHKLV LNVFSDSKR VRFVCARGGN SLSDYKQVLG PQCLSYEVER QPGEQEIKFY VEGLTFPDAD FLGLVLSVS LVDPGTLPEV TLFTDTVGFR MAPWIMTPNT QPPEELYVCR VMDTHGSNEK FLEDMSYLTL KANCKLTICP QVENRNDRWI QDEMEFGYIE APHKSFPVVF DSPRNRGLKD FPKYRILGPD FGYVTREIPL PGPSSLDSFG NLDVSPVTV GGTEYPLGRI LIGSSFPKSG GRQMARAVERN FLKAQQVQAP VELYSDWLSV GHVDEFLTFV PTSDQKGFRL LLASPSACKL LFQEKKEEGY GEAAQFDGLK HQAARSINEM LADRHLQRDN LHAQKCIDWN RNVLKRELGL AESDIVDIPQ LFFLKNFYAE AFFPDMVMNV VLGKYLGIPK PYGPIINGRC CLEEKVQSLLEPLGLHCIFI DDYLSYHELQ GEIHC GTNVR RKPFPFKWWN MVP</p>
Source	E.coli
Target Names	PADI1
Protein Names	Recommended name: Protein-arginine deiminase type-1 EC= 3.5.3.15 Alternative name(s): Peptidylarginine deiminase I Protein-arginine deiminase type I
Expression Region	1-663
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.