



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 DTDADMVSV GTASKELKDF KVRVSYFGEQ EDQALGRSVL YLTGVDISLE VDTGRTGKVK RSQGDKKTWR WGPEGYGAIL LVNCDRDNR SAEPDLTHSW LMSLADLQDM SPMLLSCNGP DKLFDSHKLV LNVFSDSKR VRFVFCARGGN SLSYKQVLG PQCLSYEVER QPGEQEIKFY VEGLTFPDAD FLGLVSLSVS LVDPGTLPEV TLFTDTVGFR MAPWIMTPNT QPPEELYVCR VMDTHGSNEK FLEDMSYLT LKANCKLTICP QVENRNRDWI QDEMEFGYIE APHKSFPVVF DSPRNRGLKD FPKRILGPD FGYVTREIPL PGPSSLDSFG NLDVSPPTV GGTEYPLGRI LIGSSFPKSG GRQMARAVRN FLKAQQVQAP VELYSDWLSV GHVDEFLTFV PTSDQKGFRL LLASPSACKL LFQEKKEEGY GEAAQFDGLK HQAKRSINEM LADRHLQRDN LHAQKCIDWN RNVLKRELGL AESDIVDIPQ LFFLNKFNFAE AFFPDMVNMV VLGKYLGIPK PYGPIINGRC CLEEKVQSL EPLGLHCIFI DDYLSYHELQ GEIHC GTNVR RKPFPFKWWN MVP</p>
Source	E.coli
Target Names	PADI1
Protein Names	<p>Recommended name: Protein-arginine deiminase type-1 EC= 3.5.3.15 Alternative name(s): Peptidylarginine deiminase I Protein-arginine deiminase type I</p>
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.