



Recombinant Human Protein-arginine deiminase type-2 (PADI2)

Product Code	CSB-EP896493HU-B
Abbreviation	PADI2
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q9Y2J8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFLSKHSEHVWVEV VRDGEAEEVATNGKQRWLLSPSTTLRVTMSQASTEASSDKVTVNYYDEEGSI PIDQAGLFLTAIEISLDVDADR DGVVEKNNPKKASWTWGPEGQGAILLVNCDR ETPWLPKEDCRDEKVYSKEDLKDMSQMILRTKGPDRLPAGYEIVLYISMSDSD KVGVFYVENPFFGQRYIHILGRRKLYHVVKYTGGSAELFFVEGLCFPDEGFS GLVSIHVSLLLEYMAQDIPLTPIFTDTVIFRIAPWIMTPNILPPVSFVCCMKDNYL FLKEVKNLVEKTNCELKVCFQYLNRGDRWIQDEIEFGYIEAPHKGFVVLDSR DGNLKDFPVKELLGPDFGYVTREPLFESVTSLSDFGNLEVSPPVTVNGKTYPL GRILIGSSFPLSGGRRMTKVVRDFLKAQQVQAPVELYSDWLTVGHVDEFMSF VPIPGTKKFLLLMASTSACYKLFREKQKDGHGGEAIMFKGLGGMSSKRITINKILS NESLVQENLYFQRCLDWNRDILKKEGLTEQDIIDLPAFKMDEDHRARAFFPN MVNMIVLDKDLGIPKPFQVVEECCLEMHVRLLEPLGLECTFIDDISAYHKF LGEVHCGTNNRRKPFTEFKWWHMVP
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	PADI2
Protein Names	Recommended name: Protein-arginine deiminase type-2 EC= 3.5.3.15 Alternative name(s): PAD-H19 Peptidylarginine deiminase II Protein-arginine deiminase type II
Expression Region	1-665aa
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
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.