



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

Product Code	CSB-YP896493HU
Relevance	Catalyzes the deimination of arginine residues of proteins.
Abbreviation	PADI2
Storage	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.
Uniprot No.	Q9Y2J8
Storage Buffer	Tris-based buffer,50% glycerol
Alias	PAD-H19Peptidylarginine deiminase IIProtein-arginine deiminase type II
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFSCLKHSEHVWVEV VRDGEAAEEVATNGKQRWLLSPSTTLRVTMSQASTEASSDKVTVNYYDEEGSI PIDQAGLFLTAIEISLDVDADRDGVVEKNNPKKASWTWGPEGQGAILLVNCDR ETPWLPKEDCRDEKVYSKEDLKDMSQMILRTKGPDRLPAGYEIVLYISMSDSD KVGVFYVENPFFGQRYIHILGRRKLYHVVKYTGGSAELLFFVEGLCFPDEGFS GLVSIHVSLLLEYMAQDIPLTPIFTDTVIFRIAPWIMTPNILPPVSFVCCMKDNYL FLKEVKNLVEKTNCELKVCFQYLNRGDRWIQDEIEFGYIEAPHKGFPPVLDSPR DGNLKDFPVKELLGPDFGYVTREPLFESVTSLDSFGNLEVSPPVTVNGKTYPL GRILIGSSFPLSGGRRMTKVVRDFLKAQQVQAPVELYSDWLTVGHVDEFMSF VPIPGTKKFLLLMASTSACYKLFREKQKDGHGGEAIMFKGLGGMSSKRITINKILS NESLVQENLYFQRCLDWNDRDILKKELGLTEQDIIDLPAFLKMDDEDHRARAFFPN MVNMIVLDKDLGIPKPFPGPQVEEECCLEMHVRLLEPLGLECTFIDDISAYHKF LGEVHCGTNNRRKPFTEFKWWHMVP
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Gene 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	N-terminal 6xHis-tagged

Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP896493HU could indicate that this peptide derived from Yeast-expressed Homo sapiens (Human) PADI2.