



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

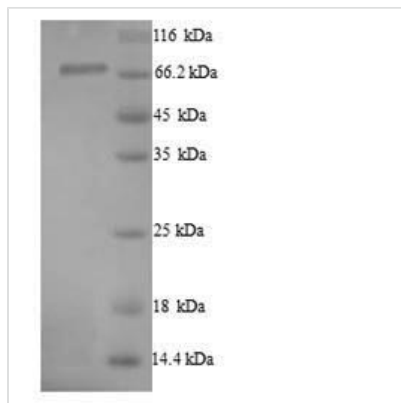
Product Code	CSB-YP891543HU
Relevance	Catalyzes the deimination of arginine residues of proteins.
Abbreviation	PADI1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9ULC6
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Peptidylarginine deiminase I Protein-arginine deiminase type I
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAPKRVVQLSLKMPTHAVCVVGVEAHVDIHSDVPGKANSFRVSGSSGVEVFM VYNRTRVKEPIGKARWPLDTDADMVSVGTASKELKDFKVRVSYFGEQEDQA LGRSVLYLTGVDISLEVDTGRTGKVKRSQGDKKTWRWGPEGYGAILLVNCDR DNHRSAEPDLTHSWLMSLADLQDMSPMLLSCNGPDKLFDSHKLVLNVPFSDS KRVRVFCARGGNSLSYKQVLGPQCLSYEVERQPGEQEIKFYVEGLTFPDAD FLGLVSLSVSLVDPGTLPEVTLFTDTVGFRMAPWIMTPNTQPPEELYVCRVMD THGSNEKFLEDMSYLT LKANCKLTICPQVENRNDRWIQDEMEFGYIEAPHKSF PVVFDSPRNRGLKDFPYKRILGPDFGYVTREIPLPGPSSLD SFGNLDVSPPVTV GGTEYPLGRILIGSSFPKSGGRQMARAVRNFLKAQQVQAPVELYSDWLSVGH VDEFLT FVPTSDQKGFRLLLASPSACLKLFQEKEEGYGEAAQFDGLKHQAKR SINEMLADRHLQRDNLHAQKCIDWNRNVLKRELGLAESDIVDIPQLFFLKNFYA EAFFPDMVMNMVVLGKYL GIPKPYGPIINGRCCLEEKVQSLLEPLGLHCIFIDDYL SYHELQGEIHCGTNVRRKPFPPFKWWNMVP
Research Area	Epigenetics and Nuclear Signaling
Source	Yeast
Gene 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	1-663aa
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



Mol. Weight 76.7kDa

Protein Description Full Length

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.