

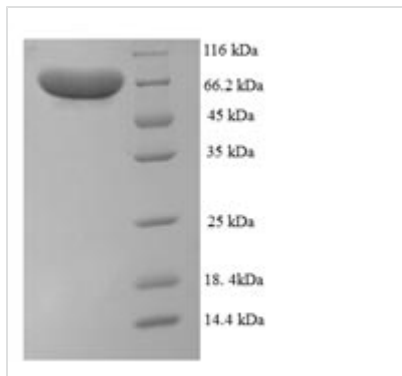


Recombinant Human Protein-arginine deiminase type-1 (PADI1)

Product Code	CSB-EP891543HU
Relevance	Catalyzes the deimination of arginine residues of proteins.
Abbreviation	Recombinant Human PADI1 protein
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
Alias	Peptidylarginine deiminase I Protein-arginine deiminase type I
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAPKRVVQLSLKMPTHAVCVVGVEAHVDIHSVDPKGANSFRVSGSSGVEVFM VYNRTRVKEPIGKARWPLDADMDVSVSGTASKELKDFKVRVSYFGEQEDQA LGRSVLYLTGVDISLEVDTGRTGKVKRSQGDKKTWRWGPEGYGAILLVNCDR DNHRSAEPDLTHSWLMSLADLQDMSPMLLSCNGPDKLFDShKLVLNVPFSDS KRVRVFCARGGNSLSYKQVLGPQCLSYEVERQPGEQEIKFYVEGLTFPDAD FLGLVSLSVSLVDPGTLPEVTLFTDTVGFRMAPWIMTPNTQPPEELYVCRVMD THGSNEKFLEDMSYLTLKANCKLTICPQVENRNDRWIQDEMEFGYIEAPHKSF PVVFDSPRNRGLKDFPYKRILGPDFGYVTREIPLPGPSSLD SFGNLDVSPPTV GGTEYPLGRILIGSSFPKSGGRQMARAVRNFLKAQQVQAPVELYSDWLSVGH VDEFLLTFVPTSDQKGFRLLLASPSACLKLFQEKKEEGYGEAAQFDGLKHQAKR SINEMLADRHLQRDNLHAQKCIDWNRNVLKRELGLAESDIVDIPQLFFLKNFYA EAFPPDMVMNMVVLGKYLGIKPYGPIINGRCCLEEKVQSLLEPLGLHCIFIDYLL SYHELQGEIHCGTNNRRKPFPPFKWWNMVP
Research Area	Epigenetics and Nuclear Signaling
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	1-663aa
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	78.7kDa


Protein Length

Full Length

Image


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

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.