

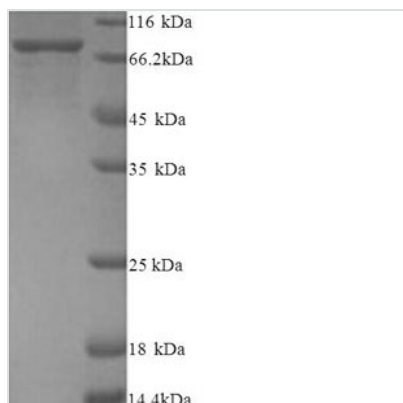


Recombinant Human Protein-arginine deiminase type-2 (PADI2)

| | |
|--------------------------|--|
| Product Code | CSB-YP896493HU |
| Relevance | Catalyzes the deimination of arginine residues of proteins. |
| Abbreviation | Recombinant Human PADI2 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. | Q9Y2J8 |
| Alias | PAD-H19Peptidylarginine deiminase IIProtein-arginine deiminase type II |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | ≥ 90% as determined by SDS-PAGE. |
| Sequence | MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFLKHSEHVWVEV VRDGEAEEVATNGKQRWLLSPSTTLRVTMSQASTEASSDKVTVNYYDEEGSI PIDQAGLFLTAIEISLDVDADRDGVVEKNNPKKASWTWGPEGQGAILLVNCDR ETPWLPKEDCRDEKVYSKEDLKDMSQMILRTKGPDRLPAGYEIVLYISMSDSD KVGVFYVENPFFGQRYIHILGRRKLYHVVKYTGGSSELLFFVEGLCFPDEGFS GLVSIHVSLLLEYMAQDIPLTPIFTDVI FRIAPWIMTPNILPPVSFVCCMKDNYL FLKEVKNLVEKTNCELKVCFQYLNRGDRWIQDEIEFGYIEAPHKGFVVLDSR DGNLKDFFVKELLGPDFGYVTREPLFESVTSLSDFGNLEVSPPVTVNGKTYPL GRILIGSSFPLSGGRRMTKVVRDFLKAQQVQAPVELYSDWLTGVHDEFMSF VPIPGTKKFLLLMASTSACYKLFREKQKDGHGAEIMFKGLGGMSSKRITINKILS NESLVQENLYFQRCLDWNRDILKKEGLTEQDIIDLPAFKMDEDHRRARAFFPN MVNMIVLDKDLGIPKPFQVEEECCLEMHVRLGLEPLGLECTFIDDISAYHKF LGEVHCGTNNRRKPFTFKWWHMVP |
| Research Area | Epigenetics and Nuclear Signaling |
| Source | Yeast |
| 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 | N-terminal 6xHis-tagged |
| Mol. Weight | 77.6kDa |


Protein Length

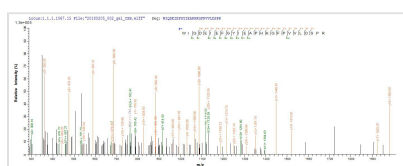
Full Length

Image


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



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.



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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

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