

Recombinant Human PADI2 Protein (1-665 aa), His-tagged

Cat. No. PADI2-1735H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI2 Protein (1-665 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-665 aa
Description	Catalyzes the deimination of arginine residues of proteins.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	77.6 kDa
AA Sequence	MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFSCLKHSEHVWVEVVRD GEAEVATNGKQRWLLSPSTTLRVMTMSQASTEASSDKVTVNYYDEEGSIPIDQAGLF LTAIEISLDVDADRDGVVEKNNPKASWTWGPEGQGAILLVNCDRETPWLPKEDCR DEKVYSKEDLKDMSQMILRTKGPDRLPAGYEIVLYISMSDSKVGVFYVENPFFGQR YIHILGRRKLYHVVKYTGGSSELLFFVEGLCFPDEGFSGLVSIHVSLLLEYMAQDIPLTP IFTDTVIFRIAPWIMTPNILPPVSFVCCMKDNYLFLKEVKNLVEKTNCELKVCFYLN RGDRWIQDEIEFGYIEAPHKGFPVLDSPRDGNLKDFFPVKELLGPDFGYVTREPLFE SVTSLDSFGNLEVSPPTVNGKTYPLGRILIGSSFPLSGGRRMTKVVRDFLKAQQVQ APVELYSDWLTVGHVDEFMSFVPIPGTKKFLLLMASTSACYKLFREKQKDGHGGEAIM

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	FKGLGGMSSKRITINKILSNESLVQENLYFQRCLDWNDRDILKKELGLTEQDIIDLPALE KMDEDHRARAFFPNMVMIVLDKDLGIPKPFQVVEECCEMHVRGLLEPLGLEC TFIDDISAYHKFLGEVHCGTNNRRKPFTFKWWHMVP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	PADI2 peptidyl arginine deiminase, type II [Homo sapiens]
Official Symbol	PADI2
Synonyms	PADI2; KIAA0994; PDI2; PAD2; PAD-H19;
Gene ID	11240
mRNA Refseq	NM_007365
Protein Refseq	NP_031391
MIM	607935

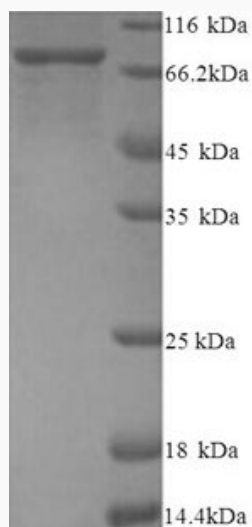
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UniProt ID

Q9Y2J8



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

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