

Recombinant Human PADI2 protein, His-tagged

Cat. No. PADI2-5928H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI2 protein(Q9Y2J8)(1-665aa) was expressed in Mammalian cells with a polyhistidine tag at the C-terminus.
Species	Human
Source	Mammalian cells
ProteinLength	1-665 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Molecular Mass	77.1 kDa
AASequence	MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFSCLKHSEHVWVEVVRD GEAEVATNGKQRWLLSPSTTLRVMTMSQASTEASSDKVTNYYDEEGSIPIDQAGLF LTAIEISLDVDADRDGVVEKNNPKKASWTWGPEGQGAILLVNCDRETPWLPKEDCR DEKVYSKEDLKDMSQMILRTKGPDRLPAGYEIVLYISMSDSKVGVFYVENPFFGQR YIHILGRRKLYHVVKYTGGS AELLFFVEGLCFPDEGFSGLVSIHVSLL EYMAQDIPLTP IFTDTVIFRIAPWIMTPNILPPVSVFVCCMKDNYLFLKEVKNLVEKTNCELKVCFQYLN RGDRWIQDEIEFGYIEAPHKGFPVVLDSRPDGNLKDFFPVKELLGPDFGYVTREPLFE SVTSLDSFGNLEVSPPVTVNGKTYPLGRILIGSSFPLSGGRRMTKVVRDFLKAQQVQ APVELYSDWLTVGHVDEFMSFVPIPGTKKFLLLMASTSACYKLFREKQKDGHGGEAIM FKGLGGMSSKRITINKILSNESLVQENLYFQRCLDWNRDILKKELGLTEQDIIDLPA LF

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KMDEDHRARAFFPNMVMIVLDKDLGIPKPFPGPQVEEECCLEMHVRGLLEPLGLEC
TFIDDISAYHKFLGEVHC GTNVRRKPFTFKWWHMVP

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL.

GENE INFORMATION

Gene Name [PADI2 peptidyl arginine deiminase, type II \[Homo sapiens \]](#)

Official Symbol [PADI2](#)

Synonyms PADI2; peptidyl arginine deiminase, type II; protein-arginine deiminase type-2; KIAA0994; PDI2; protein arginine deiminase; peptidylarginine deiminase II; peptidylarginine deiminase type II; protein-arginine deiminase type II; PAD2; PAD-H19;

Gene ID [11240](#)

mRNA Refseq [NM_007365](#)

Protein Refseq [NP_031391](#)

MIM [607935](#)

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UniProt ID

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