

Recombinant Human PADI3 Protein (1-664 aa), His-tagged

Cat. No. PADI3-1842H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI3 Protein (1-664 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	1-664 aa
Description	Catalyzes the deimination of arginine residues of proteins.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	76.7 kDa
AA Sequence	MSLQRIVRVSLHPTSAVVCVAGVETLVDIYGSVPEGTEMFEVYGTPGVDIYISP NME RGRERADTRRWRFDATEIIVVMNSPSNDLND SHVQISYHSSHEPLPLAYAVLYLTC VDISLDCDLNCEGRQDRNFVDKRQWWGPGSGYGGILLVNC DRDDPSCDVQDNCD QHVHCLQDLEDMSVMVLR TQGPAALFDDHKLVLHTSSYDAKRAQVFHICGPEDVCE AYRHVLGQDKVSYEVPRLHGDEERFFVEGLSFPDAGFTGLISFHVTLDDSDNEDFSA SPIFTDTVVFRVAPWIMTPSTLPPLEVYVCRVRNNTCFVDAVAELARKAGCKLTICPQ AENRNDRWIQDEME LGYVQAPHKTLPVVFDSPRNGELQDFPYKRILGPDFGYVTRE PRDRSVSGLDSFGNLEVSPPVVANGKEYPLGRILIGGNLPGSSGRRVTQVVRDFLH AQKVQPPVELFVDWLAVGHVDEFLSFVPAPDGGKGF RMLLASPGACFKLFQEKQKC

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GHGRALLFQGVVDDEQVKTISINQVLSNKDLINYNKFVQSCIDWNREVLKRELGLAE
CDIIDIPQLFKTERKKATAFFPDLVNMLVLGKHLGIPKPGPIINGCCCLEEKVRSLLPE
LGLHCTFIDDFTPYHMLHGEVHCGTNCVCRKPFSEFKWWNMVP

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 [PADI3 peptidyl arginine deiminase, type III \[Homo sapiens \]](#)

Official Symbol [PADI3](#)

Synonyms PADI3; protein-arginine deiminase type III; PAD3; MGC126307; MGC126308;

Gene ID [51702](#)

mRNA Refseq [NM_016233](#)

Protein Refseq [NP_057317](#)

MIM [606755](#)

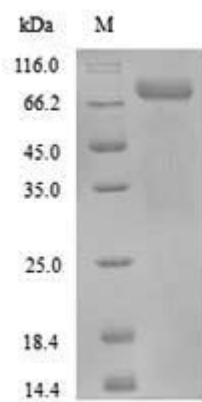
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UniProt ID

Q9ULW8



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

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