

Recombinant Human PADI1 protein, His-tagged

Cat. No. PADI1-4943H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI1 protein(Q9ULC6)(1-663aa), fused to N-terminal His tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-663aa
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, pH 8.0.
Molecular Mass	78.7 kDa
Purity	Greater than 90% 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	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%.

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GENE INFORMATION

Gene Name	PADI1 peptidyl arginine deiminase, type I [Homo sapiens]
Official Symbol	PADI1
Synonyms	PADI1; peptidyl arginine deiminase, type I; protein-arginine deiminase type-1; hPAD colony 10; HPAD10; PAD1; PDI; PDI1; peptidylarginine deiminase type I; protein arginine deiminase type 1; hPAD-colony 10; peptidylarginine deiminase I; protein-arginine deiminase type I;
Gene ID	29943
mRNA Refseq	NM_013358
Protein Refseq	NP_037490
MIM	607934
UniProt ID	Q9ULC6

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