

Recombinant Human PADI4 protein(Met 1 - Pro 663), His-tagged

Cat. No. PADI4-294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI4 protein(Met 1 - Pro 663)(Q9UM07-1), fused with C-terminal His tag, was expressed in Insect cells.
Species	Human
Source	Insect cells
ProteinLength	Met 1 - Pro 663
Form	Supplied as 0.2 µm filtered solution in 20 mM Tris, 200 mM NaCl, 1 mM EDTA, 1 mM DTT, pH8.0 with glycerol as protectant.
Molecular Mass	The protein has a calculated MW of 76.0 kDa. The protein migrates as 70-85 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at:

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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-20°C to -70°C for 12 months in lyophilized state;
-70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PADI4 peptidyl arginine deiminase, type IV [Homo sapiens]

Official Symbol PADI4

Synonyms

PADI4; peptidyl arginine deiminase, type IV; PADI5, peptidyl arginine deiminase, type V; protein-arginine deiminase type-4; PAD; PDI4; PDI5; HL-60 PAD; PADI-H protein; protein-arginine deiminase type IV; peptidyl arginine deiminase, type V; PAD4; PADI5;

Gene ID 23569

mRNA Refseq NM_012387

Protein Refseq NP_036519

MIM 605347

UniProt ID Q9UM07

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