

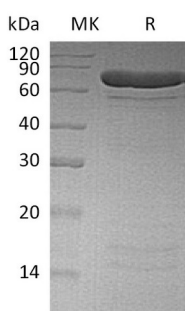
Product Name: Recombinant Human PADI4 (N-6His)
Catalog #: PEH1260



Summary

Name	PADI4/PADI5/PDI5
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Protein-Arginine Deiminase Type-4 is produced by our E.coli expression system and the target gene encoding Met1-Pro663 is expressed with a 6His tag at the N-terminus.
Accession #	AAH25718.1
Host	E.coli
Species	Human
Predicted Molecular Mass	76.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 50mM Tris-HCl, 500mM NaCl, pH 7.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Protein-Arginine Deiminase Type-4; HL-60 PAD; Peptidylarginine Deiminase IV; Protein-arginine Deiminase type IV; PADI4; PADI5; PDI5
Background	Protein-Arginine Deiminase Type-4 (PADI4) belongs to the Protein Arginine Deiminase family. PADI4 is expressed in eosinophils and neutrophils, but it is not

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expressed in peripheral monocytes or lymphocytes. PADI4 catalyzes the citrullination/deimination of arginine residues of proteins. In addition, PADI4 may play an important role in tumorigenesis. Genetic variations in PADI4 are a cause of susceptibility to rheumatoid arthritis (RA), which is a systemic inflammatory disease with autoimmune features and a complex genetic component.

Note

For Research Use Only , Not for Diagnostic Use.