

Recombinant Human PADI6 Protein, His-tagged

Cat. No. PADI6-138H **Lot. No.** (See product label)

SPECIFICATION

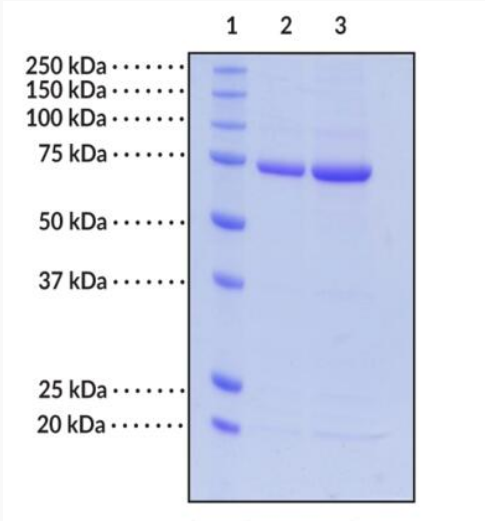
Product Overview	N-Terminal hexahistidine-tagged human PADI6 protein was isolated from a baculovirus overexpression system.
Species	Human
Source	Insect Cells
ProteinLength	717
Description	This gene encodes a member of the peptidyl arginine deiminase family of enzymes, which catalyze the post-translational deimination of proteins by converting arginine residues into citrullines in the presence of calcium ions. The family members have distinct substrate specificities and tissue-specific expression patterns. This protein may play a role in cytoskeletal reorganization in the egg and in early embryo development.
Molecular Mass	80.62 kDa
Stability	≥ 6 months
Storage	At -80 centigrade.
Storage Buffer	50 mM HEPES, pH 8.0, with 300 mM sodium chloride, 1 mM DTT, and 10% glycerol

GENE INFORMATION

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Gene Name	PADI6 peptidyl arginine deiminase 6 [Homo sapiens (human)]
Official Symbol	PADI6
Synonyms	PADI6; peptidyl arginine deiminase 6; hPADVI; PREMBL2; protein-arginine deiminase type-6; peptidyl arginine deiminase, type VI; peptidyl arginine deiminase-like protein; peptidylarginine deiminase type 6; EC 3.5.3.15
Gene ID	353238
mRNA Refseq	NM_207421
Protein Refseq	NP_997304
MIM	610363
UniProt ID	Q6TGC4
SDS-PAGE analysis of PADI6	

Lane 1: MW Ladder

Lane 2: PADI6 (2 µg)

Lane 3: PADI6 (4 µg)

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