

Recombinant Human PADI6 Protein, His-tagged

Cat. No. PADI6-314H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI6(Ser393~Pro694) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser393~Pro694
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	37.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 99%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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If bio-activity of the protein is needed, please check active protein.

Stability

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[PADI6 peptidyl arginine deiminase 6 \[Homo sapiens \]](#)

Official Symbol

[PADI6](#)

Synonyms

PADI6

Gene ID

[353238](#)

mRNA Refseq

[NM_207421](#)

Protein Refseq

[NP_997304](#)

MIM

[610363](#)

UniProt ID

[Q6TGC4](#)

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