

Recombinant Human PADI4 protein, GST-tagged

Cat. No. PADI4-1608 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI4 fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
Protein Length	Full Length
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~96 kDa
Purity	>95 %
Applications	Western Blot
Stability	1 yr at -70 centigrade from date of shipment
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ul

 Tel: 1-631-559-9269 1-516-512-3133

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping

Product shipped on dry ice

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

**Chromosome
Location**

1p36.13

Pathway

protein citrullination, organism-specific biosystem; protein citrullination, conserved biosystem;

Function

calcium ion binding; hydrolase activity; protein-arginine deiminase activity;

 Tel: 1-631-559-9269 1-516-512-3133

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

 45-1 Ramsey Road, Shirley, NY 11967, USA