

Recombinant Human PADI1 protein, GST-tagged

Cat. No. PADI1-1605 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PADI1 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	~95 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

PADI1 peptidyl arginine deiminase, type I [Homo sapiens]

Official Symbol

PADI1

Synonyms

PADI1; peptidyl arginine deiminase, type I; protein-arginine deiminase type-1; hPAD colony 10; HPAD10; PAD1; PDI; PDI1; peptidylarginine deiminase type I; protein arginine deiminase type 1; hPAD-colony 10; peptidylarginine deiminase I; protein-arginine deiminase type I;

Gene ID

29943

mRNA Refseq

NM_013358

Protein Refseq

NP_037490

MIM

607934

UniProt ID

Q9ULC6

**Chromosome
Location**

1p36.13

Pathway

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

Function

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

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