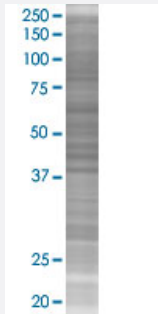


PADI4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00023569-T02

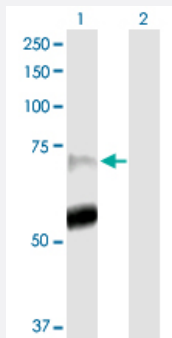
Size 100 uL

Applications



SDS-PAGE Gel

PADI4 transfected lysate.



Western Blot

Lane 1: PADI4 transfected lysate (74.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PADI4 full-length
Host	Human
Theoretical MW (kDa)	74.1
Interspecies Antigen Sequence	Mouse (72); Rat (74)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PADI4 antibody ([H00023569-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 PADI4 transfected lysate.
 Western Blot
 Lane 1: PADI4 transfected lysate (74.10 KDa)
 Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PADI4

Entrez GeneID

[23569](#)

GeneBank Accession#

[NM_012387.1](#)

Protein Accession#

[NP_036519.1](#)

Gene Name

PADI4

Gene Alias

PAD, PAD4, PADI5, PDI4, PDI5

Gene Description

peptidyl arginine deiminase, type IV

Omim ID

[180300 605347](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene is a member of a gene family which encodes enzymes responsible for the conversion of arginine residues to citrulline residues. This gene may play a role in granulocyte and macrophage development leading to inflammation and immune response. [provided by RefSeq]

Other Designations

HL-60 PAD|OTTHUMP00000002482|PADI-H protein|peptidyl arginine deiminase, type V|protein-arginine deiminase

Disease

- [Arthritis](#)
- [Asthma](#)
- [Autoimmune Diseases](#)
- [Carcinoma](#)
- [Chronic Disease](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Immune System Diseases](#)
- [Malignant melanoma](#)
- [Melanoma](#)
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- [Skin Neoplasms](#)