

RPC708Hu01 10µg

Recombinant Peptidyl Arginine Deiminase Type I (PADI1)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Pro298~Arg556

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 500µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.5

Predicted Molecular Mass: 33.1kDa

Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

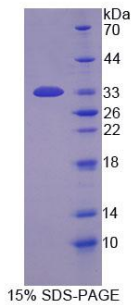
Aliquot and store at -80°C for 12 months.

Stability Test: 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°C 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.

[SEQUENCE]

				PNT
QPPEELYVCR	VMDTHGSNEK	FLEDMSYLT	KANCKLTICP	QVENRNRDWI
QDEMEFGYIE	APHKSFPVVF	DSPRNRGLKD	FPYKRILGPD	FGYVTREIPL
PGPSSLDSFG	NLDVSPPVTV	GGTEYPLGRI	LIGSSFPKSG	GRQMARAVRN
FLKAQQVQAP	VELYSDWLSV	GHVDEFLTIV	PTSDQKGFRL	LLASPSACKL
LFQEKKEEGY	GEAAQFDGLK	HQAKRSINEM	LADRHLQRDN	LHAQKCIDWN
RNVLKR				

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.