

RPF709Hu01 200µg
Recombinant Peptidyl Arginine Deiminase Type IV (PADI4)
Organism Species: *Homo sapiens (Human)*
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Pro300

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Original Concentration: 200µg/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: 6.0

Predicted Molecular Mass: 36.3kDa

Accurate Molecular Mass: 36kDa 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]

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MAQGTLIRVT PEQPTHAVCV LGTLTQLDQC SSAPEDCTSF SINASPGVVV
DIAHGPPAKK KSTGSSTWPL DPGVEVLTLM KVASGSTGDQ KVQISYYGPK
TPPVKALLYL TGVEISLCAD ITRTGKVKPT RAVKDQRTWT WGPCGQGAIL
LVNCDNRNLE SSAMDCEDDE VLDSEDLQDM SLMTLSTKTP KDFFTNHTLV
LHVARSEMDK VRVFQATR GK LSSKCSVVLG PKWPSHYLMV PGGKHNMDFY
VEALAFPDTD FPGLITLTIS LLDTSNLELP EAVVFQDSV FRVAPWIMTP
    
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[IDENTIFICATION]

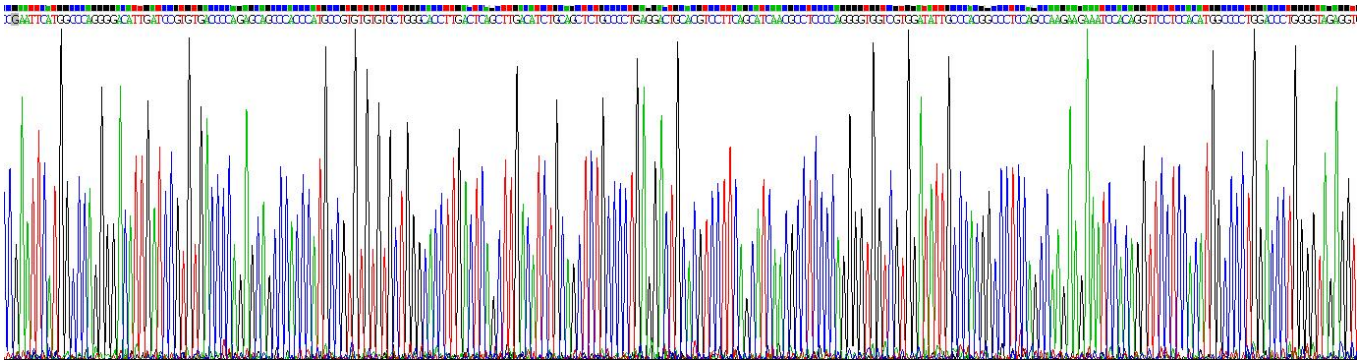
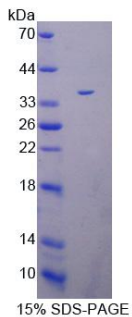


Figure . Gene Sequencing (extract)



[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.