

# Recombinant human PCID2 protein

Catalog Number: ATGP2804

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

80-399aa

### UniProt No.

Q5JVF3

### NCBI Accession No.

NP\_060856

### Alternative Names

PCI domain containing 2, DKFZp686C20226, F10, FLJ11305, FLJ99362, MGC16774, RP11-98F14.6

## PRODUCT SPECIFICATION

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### Molecular Weight

39.3 kDa (341aa)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea

### Purity

> 85% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE, Denatured

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

PCID2 is expressed in immature and early-stage B lymphocytes and regulates expression of the mitotic checkpoint protein MAD2. Recombinant human PC1D2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MAYKCQTVIV QSFLRAFQAH KEENWALPVM YAVALDLRVF ANNADQQLVK  
KGKSKVGDML EKAPELLMSC FRVCASDTRA GIEDSKKWGM LFLVNQLFKI YFKINKLHLC KPLIRAIDSS NLKDDYSTAQ

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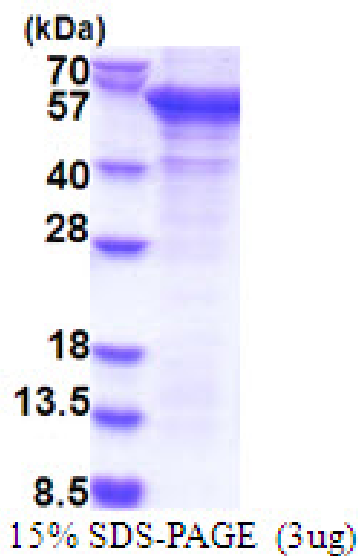
RVTYKYYVGR KAMFDSDFKQ AEEYLSFAFE HCHRSSQKNK RMILIYLLPV KMLLGHMPTV ELLKKYHLMQ FAEVTRAVSE  
GNLLLLHEAL AKHEAFFIRC GIFLILEKLK IITYRNLFKK VYLLKTHQL SLDAFLVALK FMQVEDVDID EVQCILANLI  
YMGHVKGYIS HGHQKLVVSK QNPFPLSTV C

## General References

Ota T., Suzuki Y. et al.,(2004), Nat. Genet. 36:40-45

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.