

# Recombinant human PDCD5 protein

Catalog Number: ATGP3795

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-125aa

### UniProt No.

O14737

### NCBI Accession No.

NP\_004699

### Alternative Names

Programmed cell death 5, TFAR19

## PRODUCT SPECIFICATION

---

### Molecular Weight

14.2 kDa (125aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4)

### Purity

> 90% by SDS-PAGE

### Tag

Non-Tagged

### Application

SDS-PAGE

### 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

---

### Description

PDCD5, also known as programmed cell death5, which encodes a protein expressed in tumor cells during apoptosis independent of the apoptosis-inducing stimuli. Prior to apoptosis induction, this gene product is distributed in both the nucleus and cytoplasm. The conformation of PDCD5 protein is a stable helical core consisting of a triple-helix bundle and two dissociated terminal regions. This is an important novel protein that regulates both apoptotic and non-apoptotic programmed cell death. Recombinant Human PDCD5 was expressed in E. coli and purified by using conventional chromatography techniques.

# Recombinant human PDCD5 protein

Catalog Number: ATGP3795

## Amino acid Sequence

MADEELEALR RQRLAELQAK HGDPGDAAQQ EAKHREAEMR NSILAQVLDQ SARARLSNLA LVKPEKTKAV ENYLIQMARY  
GQLSEKVSEQ GLIEILKKVS QQTEKTTTVK FNRRKVMDS D EDDY

## General References

Li G., et al. (2016) *Biochim Biophys Acta*. 1863(4):572-80.

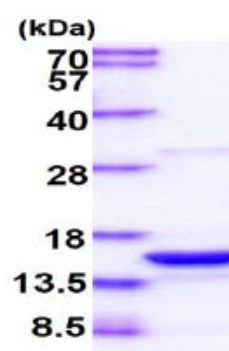
Wang N., et al. (2007). *Apoptosis*. 12(8):1433-41.

Chen Y., et al. (2001). *FEBS Lett*. 509(2):191-6.

## DATA

---

### SDS-PAGE



15% SDS-PAGE (3ug)

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