

Recombinant Human PDCD5 protein, His & T7-tagged

Cat. No. PDCD5-1807H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDCD5 aa. (Ala2~Tyr125 (Accession # O14737)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Ala2~Tyr125
Description	This gene encodes a protein that is upregulated during apoptosis where it translocates rapidly from the cytoplasm to the nucleus. The encoded protein may be an important regulator of K(lysine) acetyltransferase 5 (a protein involved in transcription, DNA damage response and cell cycle control) by inhibiting its proteasome-dependent degradation. Pseudogenes have been identified on chromosomes 5 and 12.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.8

GENE INFORMATION

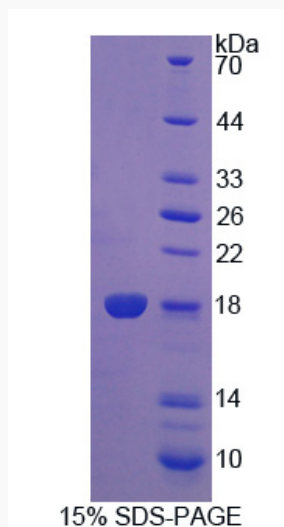
Gene Name	PDCD5 programmed cell death 5 [Homo sapiens (human)]
Official Symbol	PDCD5
Synonyms	PDCD5; programmed cell death 5; TFAR19; programmed cell death protein 5; TF-1 cell apoptosis-related protein 19; TF1 cell apoptosis-related gene 19; TFAR19 novel apoptosis-related
Gene ID	9141
mRNA Refseq	NM_004708.3
Protein Refseq	NP_004699.1
UniProt ID	O14737

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SDS-PAGE



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