Recombinant Human Programmed Cell Death 5

Cat. No. PDCD5-378H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant PDCD5 was expressed in E.coli and purified by using conventional chromatography techniques, 14 kDa (125 aa).
Species	Human
Source	E.coli
Description	PDCD5 (Programmed cell death 5) 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.
Sequences of amino acids	MADEELEALR RQRLAELQAK HGDPGDAAQQ EAKHRGAEMR NSILAQVLDQ SARARLSNLA LVKPEKTKAV ENYLIQMARY GQLSEKVSEQ GLIEILKKVS QQTEKTTTVK LNRRKVMDSD EDDDY
Formulation	Liquid. In Phosphate-Buffered Saline (pH 7.4)
Purity	> 95% by SDS - PAGE
Concentration	1 mg/ml (determined by Bradford assay)
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	PDCD5 programmed cell death 5 [Homo sapiens]
Synonyms	PDCD5; programmed cell death 5; TFAR19; MGC9294;TFAR19 novel apoptosis-related; TF1 cell apoptosis-related gene 19; TF-1 cell apoptosis-related protein 19
Gene ID	9141
mRNA Refseq	NM_004708
Protein Refseq	NP_004699
MIM	604583
UniProt ID	O14737
Chromosome Location	19q12-q13.1
Function	DNA binding

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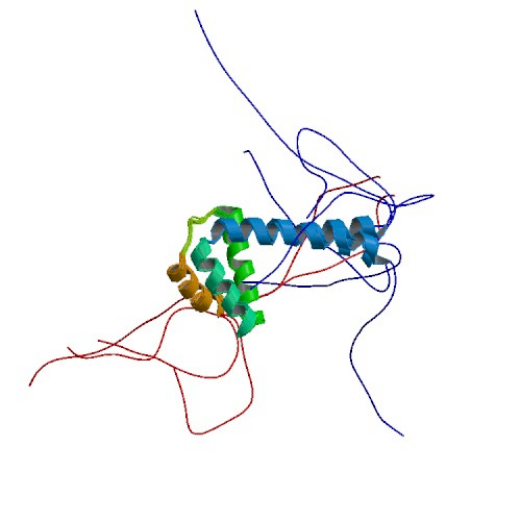
PDB rendering based on 2cru	

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