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Datasheet for ABIN1692261 **PDCD5 Protein (AA 1-125) (His tag)**

Overview

Quantity:	50 µg
Target:	PDCD5
Protein Characteristics:	AA 1-125
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDCD5 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PDCD5/TFAR19 (N-6His)
Sequence:	MGSSHHHHHH SSSLVPRGSH MADEELEALR RQRLAELQAK HGDPGDAQQ EAKHREAEMR NSILAQVLDQ SARARLSNLA LVKPEKTKAV ENYLIQMARY GQLSEKVSEQ GLIEILKKVS QQTEKTTTVK FNRRKVMDS EDDDY
Characteristics:	Recombinant Human Programmed Cell Death Protein 5/PDCD5 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Tyr125) of Human PDCD5 fused with a His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PDCD5
Alternative Name:	PDCD5 (PDCD5 Products)
Sub Type:	Fusionprotein
Background:	<p>Programmed Cell Death Protein 5 (PDCD5) is a member of the PDCD5 family. PDCD5 is expressed in tumor cells during apoptosis, independent of apoptosis-inducing stimuli. This protein may function in the process of apoptosis. PDCD5 is upregulated during apoptosis where it translocates rapidly from the cytoplasm to the nucleus. PDCD5 may play 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. PDCD5 is an important novel protein that regulates both apoptotic and non-apoptotic programmed cell death.</p> <p>Alternative Names: Programmed Cell Death Protein 5, TF-1 Cell Apoptosis-Related Protein 19, Protein TFAR19, PDCD5, TFAR19</p>
Molecular Weight:	16.4 kDa
UniProt:	O14737

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months