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## Datasheet for ABIN7319941 PDCD4 Protein (His tag)

### Overview

Quantity:	100 µg
Target:	PDCD4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PDCD4 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human PDCD4 protein (His Tag)
Sequence:	1M-325N
Characteristics:	A DNA sequence encoding the Human PDCD4(Q53EL6) (1M-325N) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>90 % as determined by reducing SDS-PAGE.
Biological Activity Comment:	Immunogen(E-AB-40340)

### Target Details

Target:	PDCD4
Alternative Name:	PDCD4 ( <a href="#">PDCD4 Products</a> )
Background:	Background: Inhibits translation initiation and cap-dependent translation. May exert its

## Target Details

function by hindering the interaction between EIF4A1 and EIF4G. Inhibits the helicase activity of EIF4A. Modulates the activation of JUN kinase. Down-regulates the expression of MAP4K1, thus inhibiting events important in driving invasion, namely, MAPK85 activation and consequent JUN-dependent transcription. May play a role in apoptosis. Tumor suppressor. Inhibits tumor promoter-induced neoplastic transformation.

Synonym: Death up-regulated gene protein,Dug,H731,Ma3,MGC33046,MGC33047,Neoplastic transformation inhibitor,Neoplastic transformation inhibitor protein,Nuclear antigen H731,Nuclear antigen H731 like,Nuclear antigen H731 like protein,Nuclear antigen H731-like,PDCD 4,Pdcd4,PDCD4,Programmed cell death 4,programmed cell death 4 (neoplastic transformation inhibitor),Programmed cell death protein 4,Protein 197/15a,Protein MA-3,Tis,Topoisomerase-inhibitor suppressed protein

Molecular Weight: 36.9kDa

UniProt: [Q53EL6](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.