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Datasheet for ABIN7318875 PDCD4 Protein (His tag)

Overview

Quantity:	50 µg
Target:	PDCD4
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDCD4 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PDCD4/H731 Protein (His Tag)
Sequence:	Lys212-Pro357
Characteristics:	Recombinant Human Programmed Cell Death Protein 4 is produced by our E.coli expression system and the target gene encoding Lys212-Pro357 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PDCD4
Alternative Name:	PDCD4/H731 (PDCD4 Products)
Background:	Background: Programmed Cell Death Protein 4 (PDCD4) is a member of the PDCD4 family. PDCD4 and EIF4A1 form a heterotrimer. One molecule of PDCD4 binds two molecules of

Target Details

EIF4A1. PDCD4 takes part in apoptosis via inhibiting translation initiation and cap-dependent translation. PDCD4 promotes colonic neoplastic transformation and tumor invasion. PDCD4 is an important target for microrna R-21 in breast cancer cells. Shortage of PDCD4 expression is associated with colorectal cancer. Overexpression of PDCD4 in carcinoid cells results in inhibition of cell proliferation.

Synonym: Programmed Cell Death Protein 4, Neoplastic Transformation Inhibitor Protein, Nuclear Antigen H731-Like, Protein 197/15a, PDCD4, H731

Molecular Weight: 17.0 kDa

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 a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 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.