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Datasheet for ABIN7550669

**PDCD10 Protein (AA 1-212) (His tag)**

## Overview

Quantity:	1 mg
Target:	PDCD10
Protein Characteristics:	AA 1-212
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDCD10 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PDCD10 Protein expressed in mammalian cells.
Sequence:	MRMTMEEMKN EAETSMVSM PLYAVMYPVF NELERVNLSA AQLTAAFIK AEKENPGLTQ DIIMKILEKK SVEVNFTESL LRMAADDVEE YMIERPEPEF QDLNEKARAL KQILSKIPDE INDRVRFLQT IKDIASAIKE LLDTVNNVFK KYQYQNRRL EHQKKEFVKY SKSFSDTLKT YFKDGGKAINV FVSANRLIHQ TNLILQTFKT VA <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	PDCD10
Alternative Name:	PDCD10 ( <a href="#">PDCD10 Products</a> )
Background:	Programmed cell death protein 10 (Cerebral cavernous malformations 3 protein) (TF-1 cell apoptosis-related protein 15),FUNCTION: Promotes cell proliferation. Modulates apoptotic pathways. Increases mitogen-activated protein kinase activity and STK26 activity (PubMed:27807006). Important for cell migration, and for normal structure and assembly of the Golgi complex (PubMed:27807006). Important for KDR/VEGFR2 signaling. Increases the stability of KDR/VEGFR2 and prevents its breakdown. Required for normal cardiovascular development. Required for normal angiogenesis, vasculogenesis and hematopoiesis during embryonic development (By similarity). {ECO:0000250 UniProtKB:Q8VE70, ECO:0000269 PubMed:15543491, ECO:0000269 PubMed:17360971, ECO:0000269 PubMed:20332113, ECO:0000269 PubMed:27807006}.
Molecular Weight:	24.7 kDa
UniProt:	<a href="#">Q9BUL8</a>

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## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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