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## Datasheet for ABIN1692009 PDCD10 Protein (AA 1-212)

### Overview

Quantity:	50 µg
Target:	PDCD10
Protein Characteristics:	AA 1-212
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human PDCD10/TFAR15
Sequence:	GSHMRMTMEE MKNEAETTSM VSMPYAVMY PVFNELERVN LSAAQTLRAA FIKAEKENPG LTQDIIMKIL EKKSVEVNFT ELLRMAADD VEEYMIERPE PEFQDLNEKA RALKQILSKI PDEINDRVRF LQTIKDIASA IKELLDTVNN VFKKYQYQNR RALEHQKKEF VKYSKSFSDT LKTYFKDGKA INVFSANRL IHQTNLILQT FKTVA
Characteristics:	Recombinant Human Programmed Cell Death Protein 10/PDCD10 is produced with our E. coli expression system. The target protein is expressed with sequence (Met1-Ala212) of Human PDCD10.
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:	PDCD10
Alternative Name:	PDCD10 ( <a href="#">PDCD10 Products</a> )
Background:	<p>Programmed Cell Death Protein 10 (PDCD10) belongs to the PDCD10 family. PDCD10 exists as a homodimer and is widely expressed. PDCD10 can increase mitogen-activated protein kinase activity and MST4 activity. PDCD10 is required for normal cardiovascular development and normal angiogenesis, vasculogenesis and hematopoiesis during embryonic development. Defects in PDCD10 are the cause of cerebral cavernous malformations type 3.</p> <p>Alternative Names: Programmed Cell Death Protein 10, Cerebral Cavernous Malformations 3 Protein, TF-1 Cell Apoptosis-Related Protein 15, PDCD10, CCM3, TFAR15</p>
Molecular Weight:	24.9 kDa
UniProt:	<a href="#">Q9BUL8</a>

## 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 ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 25 mM TrisHCl, pH 7.3.
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 &lt; -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 &lt; -20°C for 3 months.</p>
Expiry Date:	3 months