

## Product datasheet for PH300235

### PDCD10 (NM\_007217) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PDCD10 MS Standard C13 and N15-labeled recombinant protein (NP_009148)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200235
Predicted MW:	24.7 kDa
Protein Sequence:	>RC200235 protein sequence Red=Cloning site Green=Tags(s)  MRMTMEEMKNEAETTSMVSMPLYAVMYPVFNELERVNLSAAQTLRAAFIKAENPGLTQDIIMKILEKK SVEVNFTESSLRMAADDVEEYMIERPEPEFQDLNEKARALKQILSKIPDEINDRVRFQTIKDIASAIKE LLDVTNNVFKKYQYQNRRALEHQKKEFKVYKSKSFSDTLKTYFKDGKAINVFVSANRLIHQTNLILQTFKT VA  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_009148</a>
RefSeq Size:	1454
RefSeq ORF:	636
Synonyms:	CCM3; TFAR15
Locus ID:	11235
UniProt ID:	<a href="#">Q9BUL8</a>



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**Cytogenetics:** 3q26.1

**Summary:** This gene encodes an evolutionarily conserved protein associated with cell apoptosis. The protein interacts with the serine/threonine protein kinase MST4 to modulate the extracellular signal-regulated kinase (ERK) pathway. It also interacts with and is phosphorylated by serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular development. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral hemorrhages. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified PDCD10 protein (Cat# [TP300235]). The protein was produced from HEK293T cells transfected with PDCD10 cDNA clone (Cat# [RC200235]) using MegaTran 2.0 (Cat# [TT210002]).