

Product datasheet for PH300235

OriGene Technologies, Inc.

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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:HumanExpression Host:HEK293

Expression cDNA Clone

RC200235

or AA Sequence: Predicted MW:

24.7 kDa

Protein Sequence: >RC200235 protein sequence

Red=Cloning site Green=Tags(s)

MRMTMEEMKNEAETTSMVSMPLYAVMYPVFNELERVNLSAAQTLRAAFIKAEKENPGLTQDIIMKILEKK SVEVNFTESLLRMAADDVEEYMIERPEPEFQDLNEKARALKQILSKIPDEINDRVRFLQTIKDIASAIKE LLDTVNNVFKKYQYQNRRALEHQKKEFVKYSKSFSDTLKTYFKDGKAINVFVSANRLIHQTNLILQTFKT

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: <u>NP 009148</u>

RefSeq Size: 1454

RefSeq ORF: 636

Synonyms: CCM3; TFAR15

 Locus ID:
 11235

 UniProt ID:
 Q9BUL8





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 phosphoryated by

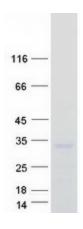
serine/threonine kinase 25, and is thought to function in a signaling pathway essential for vascular developent. Mutations in this gene are one cause of cerebral cavernous malformations, which are vascular malformations that cause seizures and cerebral

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]).