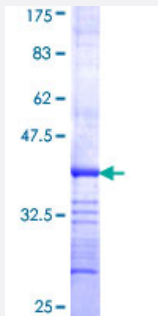


# PDCD10 (Human) Recombinant Protein (Q01)

Catalog # H00011235-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human PDCD10 partial ORF ( NP_009148, 103 a.a. - 212 a.a.) recombinant protein with GST-tag at N-terminal.         |
| <b>Sequence</b>                      | LNEKARALKQILSKIPDEINDRVRFLLQTIKDIAIAIKELDTVNNVFKKYQYQNRRALEHQKKEFVKY<br>SKSFSDLTKTYFKDGKAINVFVSANRLIHQTNLILQTFKTVA |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                              |
| <b>Theoretical MW (kDa)</b>          | 37.84                                                                                                              |
| <b>Interspecies Antigen Sequence</b> | Mouse (99); Rat (98)                                                                                               |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                              |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                  |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                        |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                           |
| <b>Storage Instruction</b>           | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                                    |
| <b>Note</b>                          | Best use within three months from the date of receipt of this protein.                                             |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — PDCD10

Entrez GeneID [11235](#)

GeneBank Accession# [NM\\_007217](#)

Protein Accession# [NP\\_009148](#)

Gene Name PDCD10

Gene Alias CCM3, MGC1212, MGC24477, TFAR15

Gene Description programmed cell death 10

Omim ID [603285](#) [609118](#)

Gene Ontology [Hyperlink](#)

**Gene 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]

**Other Designations** apoptosis-related protein 15

## Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)

- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Narcolepsy](#)