

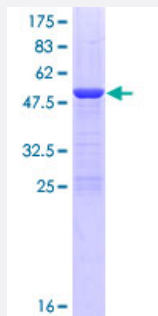
Full-Length

PDCD10 (Human) Recombinant Protein (P01)

Catalog # H00011235-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PDCD10 full-length ORF (NP_009148.2, 1 a.a. - 212 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRMTMEEMKNEAETTSMVSMPLYAVMYPVFNELERVNLSAAQTLRAAFIKAENPGLTQDIIMKI LEKKSVEVNFTESLLRMAADDVEEYMIERPEPEFQDLNEKARALKQILSKIPDEINDRVRFLQTIKDI ASAIKELLDTVNNVFKKYQYQNRRALEHQKKEFVKYSKSFSDLKTYFKDGKAINVFVSANRLIHQT NLILQTFKTVA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	51.1
Interspecies Antigen Sequence	Mouse (99); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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_007217.3](#)

Protein Accession# [NP_009148.2](#)

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](#)