

Recombinant Human PDCD10S1 protein

Cat. No. PDCD10-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDCD10(Met1-Ala212) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-212 a.a.
Description	Function of this protein: Promotes cell proliferation. Modulates apoptotic pathways. Increases mitogen-activated protein kinase activity and STK26 activity. Important for cell migration, and for normal structure and assembly of the Golgi complex. Important for KDR/VEGFR2 signaling. Increases the stability of KDR/VEGFR2 and prevents its breakdown. Required for normal cardiovascular development. Required for normal angiogenesis, vasculogenesis and hematopoiesis during embryonic development (By similarity).
Form	Protein in [25mM TrisHCl, pH7.3.] was 0.22 um filtered before lyophilized. Usually protectant (mannitol or trehalose) was added before lyophilization.
Molecular Mass	24.9KD
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.

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Storage	Lyophilized form is stable at room temperature for 3 weeks. Keep at -20 centigrade for long term storage. After reconstitution, store at 4 centigrade for 2-7 days or at below -20 centigrade for up to 3 months.
Reconstitution	Reconstitute lyophilized powder with water to no less than 100 ug/ml, solubilize at RT for 30 min with occasional gentle mixing. It is recommended that 0.1% HSA (SDP1139) be added as a carrier protein for long term storage.

GENE INFORMATION

Gene Name	PDCD10 programmed cell death 10 [Homo sapiens]
Official Symbol	PDCD10
Synonyms	PDCD10; programmed cell death 10; CCM3, cerebral cavernous malformations 3; programmed cell death protein 10; TFAR15; apoptosis-related protein 15; TF-1 cell apoptosis-related protein 15; cerebral cavernous malformations 3 protein; CCM3; MGC1212; MGC24477;
Gene ID	11235
mRNA Refseq	NM_007217
Protein Refseq	NP_009148
MIM	609118
UniProt ID	Q9BUL8
Chromosome Location	3q26.1

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Pathway	Validated targets of C-MYC transcriptional activation, organism-specific biosystem;
Function	protein N-terminus binding; protein binding; protein homodimerization activity;

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