

Product datasheet for MC200991

Pdcd10 (NM_019745) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdcd10 (NM_019745) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pdcd10
Synonyms:	2410003B13Rik; Ccm3; Tfa15; Tfar15
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC019650 sequence for NM_019745 CCGGAGTGAATTGATCCGGGAGTTGAAGAGGGCTCCAAAGGTGGGAAGTGAAGTCCGTGCCTCAGTTGCC GATTGCTGTTCTTCTTTGTGACAGCTTTATCACATACACATAAAAAAGGGAAGAAATTCGGCAGTGA ATGAAGATTCCTCTGCATTTTAGCATTGCTTTTTCTACTGTAGTTGGCTTTTGAATGAGGATGACATGG AAGAGATGAAGAATGAAGCTGAGACCACTTCCATGGTTTCTATGCCTCTCTATGCAGTCATGTATCCTGT GTTTAATGAGCTAGAACGAGTAAATTTGTCTGCAGCTCAGACTCTGAGAGCCGCTTTCATTAAGGCTGAA AAGGAAAAATCCAGGCCTCACACAAGACATCATTATGAAAAATTAGAGAAAAAAGTGTAGAAGTTAACT TCACCGAGTCCCTCCTTCGTATGGCAGCTGATGACGTAGAAGAGTACATGATTGAGCGGCCAGAGCCAGA ATTCCAGGACCTAAATGAAAAGGCACGGGCACTTAAACAGATTCTCAGTAAGATCCCGATGAGATCAAT GACAGAGTGAGGTTTCTGCAGACAATCAAGGATATAGCTAGTGAATAAAAGAACTACTTGATACAGTGA ATAATGTCTTCAAAAAATATCAGTACCAGAACCGCAGGGCACTTGAACACCAAAAAGAAAGATTTGTAAA ATACTCCAAAAGTTTCAGTGACACTCTGAAGACTTATTTTAAAGATGGCAAGGCAATAAATGTGTTTATA AGTGCCAACCGGCTAATTCATCAAACCAACTTGATACTTCAGACCTTCAAACCTGTGGCCTGAAAGTTGT ATATGTTAAGAGATGACTTCTCAGTGGCAGTATTAACCTGCATTTATCTGTAATTTTAAAGTTTGACT GTATAAATATCAGTCCCTCCGGAGGGACCTAATCCAGGATGTTGAATGGGATTATTGCCATCTTACACC ATATTTTGTAAAATGTAGCTTAATCATAATCTCACACTGAAGATTTTGCATCACTTTTGTATTATCAT TCTTTTAAAGATTATAAGCCAAAAGAAATTTACGCCTTAATGTGTCATTATATAACATTCCTTACAAGAAC TGTAATATTGGTGTGTTTCTGACATTTAACTTGAAGCGATATGCTGCAAGATAATGTATTTAACA ATATTTGGTGGCAAATATTCAATAAATAGTTTACATCTGTTAAACATTTCTTTACTTGAAAAAATAAAA AAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_019745
Insert Size:	639 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	BC019650 , AAH19650
RefSeq Size:	1263 bp
RefSeq ORF:	639 bp
Locus ID:	56426
UniProt ID:	Q8VE70
Cytogenetics:	3 E3
Gene Summary:	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 (By similarity). 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).[UniProtKB/Swiss-Prot Function]