

Product datasheet for **RN211441**

Pdcl3 (NM_001025709) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pdcl3 (NM_001025709) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pdcl3
Synonyms:	MGC116329
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211441 representing NM_001025709 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGCAGGACCCCAACGCAGACACCGAGTGAATGACATCCTTCGTAAAAAGGGCATCCTTCCCCCTAAGG
 AGAGCCTGAAGGAGCTGGAGGAGGAGGAGGAGGAAAGGAGGAGCAGCGTCTCCAGCAGTCAGTGGTGAA
 GACATATGAAGACATGACCCTGGAGGAGCTGCAGGAGAACGAAGACGAGTTCAGTGAGGAGGACGAGCGA
 GCCATCGAGATGTACCGCAGCAAAGGCTGGCCGAGTGAAGGCGACTCAGCTGAGGAACAAGTTTGGAG
 AAGTTTTAGAGATCTCGGGAAGGATTACGTTCAAGAAGTCACCAAGGCTGGCGAGGGCTTGTGGGTGGT
 CTTACACCTGTACAAACAAGGGATTCCCTCTGTTCTTGATAAACCATCACTTGAGTGGGCTCGCCAGG
 AAGTTTCCCGATGTGAAATTTATCAAAGCCATTTCAACGACCTGCATACCCAATTACCCTGACAGGAACC
 TCCCCACAGTGTTTCGTCTACCGGGAGGGGATATCAAGGCACAGTTCATCGGTCCCTGGTGTTCGGTGG
 CATGAACCTGACCATAGATGAGTTGGAGTGAAACTATCTGAGTCAGGAGCAATCAAGACAGAGCTGGAG
 GAGAACCCCAAGAAAGCCATCAAAGACGTGCTGCTGCTCCTCAGTGCGGGACCCTGTCCCATGAGGAGGG
 ACAGTGATTCCGAGGACGACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001025709
Insert Size:	723 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:	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:	<u>NM_001025709.1</u> , <u>NP_001020880.1</u>
RefSeq Size:	1784 bp
RefSeq ORF:	723 bp
Locus ID:	316348
UniProt ID:	<u>Q4KLI8</u>
Cytogenetics:	9q22
Gene Summary:	Acts as a chaperone for the angiogenic VEGF receptor KDR/VEGFR2, controlling its abundance and inhibiting its ubiquitination and degradation. Modulates the activation of caspases during apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]