

Product datasheet for **RN200767**

Plcd3 (NM_001105845) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plcd3 (NM_001105845) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plcd3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200767 representing NM_001105845
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGCGGTGGCTGGAGAAGGAGCCGCCGCTCGCCGAGGAACCCGGGTGTCCGCCAGTTCGCAG
 CGCCCTCGCGTTCCTGCCCTCGCCCGGTCATCCGATAGCAGCACAAAAGGCCCGGGCTACGGGCACT
 GAAGAAGATGGGCTGACGGAGGATGAGGATGTCCAAGCCATGCTGCGGGCTCCAAGCTCTCAAGATC
 CGCTCACGCACGTGGCACAAGGAGCGGCTGTACCGGCTGCAGGAGGATGGCCTGAGCGTGTGGTTTCAGC
 GGCGCATCCCCGCGCAGCTTCGCAGCACATCTTCTCGTGCAGCACATCGAGGCTGTCCGGGAAGGCCA
 TCAGTCGAGGGGCTGCGGCGGTTGGGGGCGCCTTTGCGCTGCGCGCTGCCTCACCATCGCCTCAAG
 GGCCGCCAAGAACCTGGACCTGGCAGCGCCACTGCGGAGGAAGCGCAGCGCTGGGTGCGAGGGCTGG
 CCAAGCTGAGGGCGCCCTGGATGCCATGAGCCAGCGGGAGCGGCTAGACCACGCACACCTGGATCCA
 TTCTATCTGCACCGGGCGACTCCGACCAAGACAGCAAGATGAGCTTCAAGGAGATCAAGAGCCTGCTG
 AGGATGGTCAACGTGGACATGAATGACATGTACGCCTACCGCCTTTCAAGGAGTGTGACATTCTAACA
 ACGAGCGTCTGGAAGGGGCTGAGATCGAGGCTTCTCCTCCGGAGGCTGCTTAAACGGCCCGAGCTGGAGGA
 GATCTTCCGCCGATACTCCGGCGAGGACCGGCTACTGAGTGCCTCTGAGCTGCTGGAGTTCTGGAAGAC
 CAGGGCGAGGACGGTGCCACCCTGGCCTGTGCCAGAAGCTTATCCAGACGTATGAGCTCAACGAGACAG
 CCAAGCAGCAGAGCTGATGACGCTGGATGGCTTCATGATGATCTGTTGTGCGCTGAGGGGGCTGCGCT
 GAACGTGGCCACACGTGTGTGTTCCAGGACATGGGTGAGCCCTGGCCACTACTTTATCTCGTCTCT
 CATAATACTTACTGACTGACTCTCAGATCGGAGGGACCAGCAGCACCAGGCTACATCAGGGCCCTTA
 CCCAGGGATGCCGCTGTGTGAACTTGACTGCTGGGAGGGCCGGGAGGGGAGCCCGTCACTACCATGG
 GCATACCTTACTTCCAAGATTCTTTTCGAGATGTGATCCAAGCTGTGGGTGACCACGCTTTCAGCTG
 TCCCCATATCTGTTATCTGTCCCTTGAGAATCACTGCGGGTTGGAACAGCAGATTGTCATGGCTCGCC
 ACCTTCGGAACATCCTGGGAGACATGCTGGTGACACAGGCCCTGGACTCCAGAACCCCGAGGAGCTGCC
 GTCTCCTGAGCAGCTCAAATGCCGGTCTTGGTGAAGGGGAAGAAGCTGCCAGCTGCTCGGAATGAGGAT
 GGTGCAATTCTGTGACAGGGAGGATGAAGATGAAGATGAAGAGGAGGCAGAAGAGGCTTTGGAGACTG
 CAGAGCAGAGGAAGCGAGCCAAACAGATCTCCCCAGAGCTCTCAGCGCTGGTTGTGATTGCTGTGCTAC
 CCGCTGCGGACCCTGGAGCCTAGTCTGGTCCACCTCAGCCTTGCAAGATTGGCTCCCTCAGCGAGCGC
 AAGGCCAGGAAGTTCACCAGGGAGGCAGGAACCAAGTGGTGTGAGCACAACACTCAGCAACTGACCCGAG
 TGTACCACTGGGCTGCGGATGACCTCGGCCAATAAACCAGGAGATGTGGAACCGGGCTGTCA
 ACTGGTGGCTCTGAACCTTCAGACTCCTGGCTATGAGATGGACCTCAACACGGGGCGCTTCTCATAAAT
 GGGCAGTGC GGCTATGTCCTGAAACCCGCTACCTCAGGCAACTCAACACCACCTTTGACCCGAGTGCC
 CTGGACCCCCAGAACTACTCTGACAGTCCAGGTGTTAACGGCCAGCAGCTGCCAAGCTGAATGTAGA
 GAAGCCCAACTCCATTGTGGATCCTCTGGTGCCTGTGGAGATCTACGGGGTGCCTGAAGACTGTGCGCAC
 AAGGAGACGGACTATGTGCTCAATAATGGCTTCAACCCCTGCTGGGAGCAGACTCTGCAGTTCCAATGC
 GGGCCCAAGAGCTGGTTCTGGTGGGTTGTGGTGAAGACTATGATACCACTCCCAATGATTTTGT
 GGGACAGTTTACTGCCCCTCAACAGCCTGAAGCAAGGTACCGCCACATCCACTTGTCTGTCGAAGGAT
 GGAGCCTCGCTCTCCAGCCACACTCTCGTTACATCCGCATTGAGAACTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105845
Insert Size: 2367 bp

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:	<u>NM_001105845.2</u> , <u>NP_001099315.2</u>
RefSeq Size:	2944 bp
RefSeq ORF:	2367 bp
Locus ID:	287745
Cytogenetics:	10q32.1