

Product datasheet for **RN211336**

Cldn3 (NM_031700) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cldn3 (NM_031700) Rat Untagged Clone
Tag: Tag Free
Symbol: Cldn3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN211336 representing NM_031700
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCATGGGCCTGGAGATCACCGGCACGTGCTGGCCGTGCTGGGCTGGCTGTGCACCATCGTGTGCT
GCGCCCTCCCATGTGGCGCGTTTCGGCATTTCATCGGCAGCAGCATCATCACGGCGCAGATCACCTGGGA
AGGCCTGTGGATGAACTGCGTGGTGCAGAGCACCGGCCAGATGCAGTGAAGATGTACGACTCGCTGCTG
GCCCTGCCGCAGGACCTCCAGGCCGCCGAGCTCTCATCGTGGTGTCTATCCTACTGCCAGCCTTCGGGC
TCCTCGTGGCGCTCGTGGGGGCCAGTGTACCAACTGCGTACAAGATGAGACGGCCAAGGCCAAGATCAC
CATCGTGGCGGGAGTGCTTTTCTGTTGGCGGCTGTGCTCACCTTAGTGCCGGTGTCTGTGTCGCCAAC
ACCATCATCCGGGATTTTATAACCCGCTGGTACCTGAGGCCAGAAGCGAGAGATGGAACTGGGTTGT
ACGTGGGCTGGGCTGCCGCCGCTGCAATTGCTAGGGGGCGCCTTGCTGTGTTGCTCCTGCCACCACG
CGAGAAGTACGCACCCACCAAGATCCTCTATTCCGCGCCGATCCACCGGCCCTGGCACCAGTACCGGC
ACCGCCTATGACCCTAAGGACTACGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1606_g02.zip
Restriction Sites: Sgfl-Mlul
ACCN: NM_031700
Insert Size: 660 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:	NM_031700.2 , NP_113888.2
RefSeq Size:	1501 bp
RefSeq ORF:	660 bp
Locus ID:	65130
UniProt ID:	Q63400
Cytogenetics:	12q12
Gene Summary:	gene is induced by androgen withdrawal and apoptotic cell death in the prostate [RGD, Feb 2006]