

Product datasheet for RN202050

Cldn2 (NM_001106846) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Cldn2 (NM_001106846) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Cldn2
 Synonyms: RGD1560247
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN202050 representing NM_001106846
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCCTCCCTTGGCGTCCAACGGTGGGCTACATCCTAGGCCTTTTGGGGCTATTAGGCACATCGATTG
 CCATGCTGCTCCCAACTGGCGAACAAGTTCTTATGTTGGTGCCAGCATTGTGACGGCGTTGGCTTTTC
 CAAGGGCCTCTGGATGGAGTGTGCGACCCACAGCACTGGCATCACCCAGTGTGATATCTACAGTACTCTT
 TTAGGACTTCTGCTGACATCCAGGCTGCCAGGCCATGATGGTGACATCCAGTGAATGCCTCGCTGG
 CCTGCATTATCTCTGTGGTGGGCATGAGATGCACAGTGTCTGCCAGGAATCTCGAGCTAAGGACAGAGT
 GGCTGTAGTGGGTGGAGTCTTTTTCATCCTTGGTGGTATCCTGGGTTTTATCCCAGTTGCTTGGAACTCT
 CACGGCATTCTCCGGGACTTCTACTCACCCTGGTCCCTGACAGCATGAAATTTGAGATTGGAGAAGCTC
 TGTACTTGGGAATCATTTCAGCGCTGTTTTCTTGGTAGCTGGAGTCATCCTCTGCTTTTCTGCTCACC
 TCAGGGAAATCGTACCACTACTATGATGGCTACCAGGCCAGCCTTTGCCACTAGGAGCTCTCCAAGA
 TCTGCTCAACAGCCAAAGCCAAGAGTGAGTTCAACTCATACAGCCTGACTGGGTATGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001106846
 Insert Size: 693 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:	<u>NM_001106846.2</u> , <u>NP_001100316.1</u>
RefSeq Size:	3052 bp
RefSeq ORF:	693 bp
Locus ID:	300920
Cytogenetics:	Xq32