

Product datasheet for **RN208203**

Cldn7 (NM_031702) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cldn7 (NM_031702) Rat Untagged Clone
Tag: Tag Free
Symbol: Cldn7
Synonyms: MGC124679
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208203 representing NM_031702
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTAACTCGGGCCTGCAACTACTGGGCTTTTCAATGGCCATGCTTGGCTGGGTGGGCTGATAGCGA
GCACTGCTATCCCACAGTGGCAGATGAGCTCCTATGCAGGCGACAACATCATCACAGCCCAGGCCATGTA
CAAGGGGCTCTGGATGGAGTGCCTCACGCAGAGTACCGGCATGATGAGCTGCAAAATGTACGACTCGGTG
CTTGCCCTGCCAGCGCCACGCAGGCCACTCGAGCCTTAATGATTGTGTCCTTGGTGTGGGCTTCTTGG
CCATGTTTGTGCGCCACGATGGGCATGAAATGCACACGCTGTGGGGGAGATGACAAAGTGAAGAAGGCCCCG
CATAGCTATGACTGGAGGCATTATTTTCATCGTGGCAGGTCTTGCTGCTTTGGTAGCATGCTCCTGGATT
GGTCATCAGATTGTCACAGACTTTTATAACCCCTTGACGCCCATGAATATTAAGTACGAGTTTGGTCCTG
CCATCTTTATCGGCTGGCAGGGTCTGCTCTGGTCCTTCTGGGAGGGGCCCTGCTCTTTGCTCCTGCC
CGGCAGTAAAAGCAAAGCTGCATACCGTGCACCCCGCTCCTACCCCTAAGTCCAACCTCCTAAGGAATAC
GTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031702
Insert Size: 636 bp



[View online »](#)

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_031702.1</u> , <u>NP_113890.1</u>
RefSeq Size:	1141 bp
RefSeq ORF:	636 bp
Locus ID:	65132
UniProt ID:	<u>Q9Z1L1</u>
Cytogenetics:	10q24
Gene Summary:	mouse homolog is an integral membrane protein; component of tight junctions [RGD, Feb 2006]