

Product datasheet for **RN204035**

Cldn11 (NM_053457) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cldn11 (NM_053457) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cldn11
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204035 representing NM_053457 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTAGCCACTTGCCTGCAGGTGGTGGGCTTCGTCAGTTCGTGGGTTGGATTGGCATCATCGTCA
CAACGTCCACCAATGACTGGGTGGTGACCTGCAGCTACACCATCCCCACCTGCCGAAAAATGGACGAACT
GGGCTCCAAGGGGCTGTGGGCCGACTGCGTCATGGCCACTGGTCTCTACCACTGCAAGCCCCTGGTGGAC
ATCCTCATCCTCCCTGGTTACGTGCAGGCTTGTAGAGCCCTCATGATTGCTGCCTCAGTTCTGGGCCTGC
CGGCCATCTTGTGCTGTTAACAGTTCTCCCCTGTATCCGAATGGGCCACGAGCCTGGAGTGGCCAAAGTA
CAGGCCAGCCCCAGCTGGCTGGGGTGTCTCTTATTCTGCTGGCTCTCTGCGCCATTGTGCGCCACCATCTGG
TTTCCTGTATGCGCCACCGCGAGATCACCATCGTGAGCTTTGGCTACTCGCTGTATGCGGGCTGGATCG
GTGCTGTGATGTGCTGGTGGTGGCTGTGTCATCGTCTGCTGCTCCGGGGATGCACAGTCGTTTGGAGA
AAACCGTTTCTATTACTCTTCTGGCTCCAGCTCACCAACGACGCAAGAGTGCCCATGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053457
Insert Size:	624 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).



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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_053457.2</u> , <u>NP_445909.2</u>
RefSeq Size:	1873 bp
RefSeq ORF:	624 bp
Locus ID:	84588
Cytogenetics:	2q24
Gene Summary:	component of the inter-Sertoli cell tight junctions in the testis [RGD, Feb 2006]