

Product datasheet for **RN202263**

Cldn14 (NM_001013429) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cldn14 (NM_001013429) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cldn14
Synonyms:	MGC109472
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202263 representing NM_001013429 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGCACAGCGGTCCAGCTCCTAGGCTTCTGCTTAGCTTCTGGGCATGGTGGGAACGCTCATCA
CTACTATCCTGCCGACTGGCGGAGGACGGCCATGTGGGCACCAACATCCTGACGGCCGTCTACCT
GAAGGGACTGTGGATGGAGTGTGTGGCACAGCACAGGCATCTACCAGTGCAGATCTACCGCTCGCTG
CTGGCGCTACCCGGGACCTACAGGCGGCCGGCGCTCATGGTCATCTCCTGCCTGCTGTCGGGCATGG
CCTGCGCCTGCGCCGTAGTGGGCATGAAGTGCCTCGCTGTGCCAAGGGCACACCCGCCAAGACCACCTT
CGCGGTGTGGGAGGCGCGCTTCTCCTGCTGGCAGGCCTGCTGTGCATGGTGGCTGTGCCTGGACCAGG
AATGATGTGGTGCAGAATTTTTACAACCTCTGCTGCCAGTGGCATGAAGTTTGAGATCGGCCAGGCC
TGTACCTGGGCTTCATCTCCTCATCCCTGTCTCATCGGGGACCCCTGCTCTGCCTGTGCTGCCAGGA
CGAGGGCCCTACAGACCCTACCAGCCCCAGTCCAGGGCTGGGGCCACCACCACAGCCACCGCCCTGCC
TACCGCCACCAGCAGCCTACAAGGACAACCGTCCCCCTCGGTGACCTCAGCTGCACACAGTGGGTACA
GGTTGAATGACTATGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1744_h07.zip
Restriction Sites:	Sgfl-MluI
ACCN:	NM_001013429
Insert Size:	720 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_001013429.1, NP_001013447.1</u>
RefSeq Size:	1549 bp
RefSeq ORF:	720 bp
Locus ID:	304073
Cytogenetics:	11q11