

Product datasheet for RN209298

Cldn12 (NM_001100813) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cldn12 (NM_001100813) Rat Untagged Clone
Tag: Tag Free
Symbol: Cldn12
Synonyms: RGD1561053
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN209298 representing NM_001100813
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCTGCCGAGATGTCCATGCAGCCACGGTCTCTCCTTCTGTGCGGCATTGCCTCTGTAGCAGGCC
 TCTTCGCGGGGACTCTGCTTCCCAACTGGAGGAAGCTGCGACTCATCACATTCAACAGAAATGAGAAGAA
 CCTGACGATCTACACGGGCTGTGGTGAAGTGCGCCGGTATGACGGAAGCAGTGACTGCCTGATGTAC
 GACCGCACTTGGTACCTGTCGGTCGACCAGCTGGACCTGCGCGTCTCCAGTTCGCCCTGCCCTCAGCA
 TCCTGATCGCAATGGGTGCCTTGCTGCTCTGCCTGATTGGGATGTGCAACACGGCCTTCAAGTCTTCGGT
 GCCTAACATCAAAGTGGCCAAGTGTCTGGTCAATAGTGCAGGCTGCCACCTGGTGGCTGGACTCCTGTTT
 TTCTGGCAGGTACCGTACGCTCTCTCCATCCATCTGGGCCATCTTCTATAACAGCCATCTCAACAAGA
 AGTTTCGAGCCGGTCTTTACCTTTGACTATGCAGTGTGTTGTACGATCGCTAGCTCAGGGGGTCTGTTTCAT
 GACTGCTCTTCTGCTGTTTGGTACTGTGCATGCAAGTCTTGTCTCTCTCTTTCTGGCAGCCACTG
 TACTCCCATCTCTGGGATGCACACTTACTCACAGCCCTATTCATCACGGTCCCCTCTCTGCCATTG
 AAATTGACATTCCGGTAGTTTCACATAGCACT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001100813
Insert Size: 735 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_001100813.1</u> , <u>NP_001094283.1</u>
RefSeq Size:	3480 bp
RefSeq ORF:	735 bp
Locus ID:	500000
Cytogenetics:	4q13