

## Product datasheet for **SC321478**

### CLDND1 (NM\_019895) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CLDND1 (NM_019895) Human Untagged Clone
Tag:	Tag Free
Symbol:	CLDND1
Synonyms:	C3orf4; GENX-3745; Z38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >OriGene sequence for NM\_019895.2  
 AGCTGGCGGAGCAGGAGGATGGGCGTATGCAGGTGATAGACTAGAGAACAAGACCTCTGT  
 CTCCGTAGCATCCTGGAGCAGTCTGAATGCCAGAAATGGATAACCGTTTTGCTACAGCATT  
 TGTAATTGCTTGTGTGCTTAGCCTCATTCCACCATCTACATGGCAGCCTCCATTGGCAC  
 AGACTTCTGGTATGAATATCGAAGTCCAGTTCAAGAAAATCCAGTGATTGAATAAAG  
 CATCTGGGATGAATTCATTAGTGATGAGGCAGATGAAAAGACTTATAATGATGCATTTT  
 TCGATACAATGGCACAGTGGGATTGTGGAGACGGTGTATCACCATACCCAAAAACATGCA  
 TTGGTATAGCCCACCAGAAAGGACAGAGTCATTTGATGTGGTCACAAAATGTGTAGTTT  
 CACACTAACTGAGCAGTTCATGGAGAAATTTGTTGATCCCGGAAACCACAATAGCGGGAT  
 TGATCTCCTTAGGACCTATCTTTGGCGTTGCCAGTTCCTTTTACCTTTTGTGAGTTTAGG  
 TTTGATGTGCTTTGGGGCTTTGATCGGACTTTGTGCTTGCAATTTGCCGAAGCTTATATCC  
 CACCATTGCCACGGGCATTCTCCATCTCCTTGCAGGTCTGTGTACACTGGGCTCAGTAAG  
 TTGTTATGTTGCTGGAATTGAACTACTCCACCAGAACTAGAGCTCCCTGACAATGTATC  
 CGGTGAATTTGGATGGTCTTCTGCCTGGCTTGTGTCTCTGCTCCCTTACAGTTCATGGC  
 TTCTGCTCTCTTCTGCTGGGCTGCTCACACCAACCGGAAAGAGTACACCTTAATGAAGGC  
 ATATCGTGTGGCATGAGCAAGAACTGCCTGCTTTACAATTGCCATTTTTATTTTTTAA  
 AATAACTGATATTTTCCACCTCTCAATTGTTTTAATTTTTATTTGTGGATATACC  
 ATTTTATATGAAAATCTATTTTATTTATACACATTCACCACTAAATACACACTTAATAC  
 CACTAAAATTTATGTGGTTTACTTTAAGCGATGCCATCTTTCAAATAAATAATCTAGGT  
 CTAGACAGAAAGAAATGGATAGAGACTTGACACAAATTTATGAAAGAAAATGGGAGTAG  
 GAATGTGACCGAAAACAAGTTGTGCTAATGTCTGTTAGACTTTTCAGTAAAATAAAGTA  
 ACTGTATCTGTTCAACTAAAACTCTATATTAGTTTCTTTGGGAACTCTCATCGTCAA  
 AACTTTGTTCACTTTGCTGTTGTAGATAGCCAGTCAACCAGCAGTATTAGTGCTGTTTTT  
 AAAGATTTAAGCTCTATAAAAATGGGAAATTTATCTAAGATCATTTTCCCTAAGCATTGAC  
 ACATAGCTTCATCTGAGGTGAGATATGGCAGCTGTTTGTATCTGCACTGTGTCTGTCTAC  
 AAAAAGTGAAAAATACAGTGTACTTTGAAATTTAACTTTGTAAGTCAAGAAATCCAG  
 TTCAGCCGGGCGAGGATTAGTATTATTTTAACTCTCCGTAAGATTTTTCAGTACCACCAA  
 ATTGTTTTGGATTTTTTTCTTCTCTCACATACCAGGGTTATTAAGTGTGCTTTT  
 TTTTACATTATATTACAGTTACAAGGTAATAATCCTCAACTGCTATTTATTTATCCAG  
 CCCAGTACTATAAAGAAGTTTACCATAATGACCCTCCAGAGCTGGGAACTACCACA  
 AGATCTAAAGTTCTGGCTGCCATTAACCTCCAATATGGTCTTTATTTCTGTGGTAAT  
 ATGATGTGCCCTTCTTGCCTAAATCCCTTCTGGTGTGTATCAACATTATTTAATGTCT  
 TCTAATTCAGTCATTTTTTATAAGTATGTCTATAAACATTGAACTTAAAAAACTTATT  
 TATTTATCCACTACTGTAGCAATTGACAGATTAATAAATGTAACCTCATAATTTCTTA  
 CCATAACCTCAATGTCTTTTTTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_019895

**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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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:**

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:** [NM\\_019895.2](#), [NP\\_063948.1](#)

**RefSeq Size:** 2244 bp

**RefSeq ORF:** 762 bp

**Locus ID:** 56650

**UniProt ID:** [Q9NY35](#)

**Cytogenetics:** 3q11.2

**Protein Families:** Transmembrane