

Product datasheet for **RC201014**

CLDND1 (NM_019895) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CLDND1 (NM_019895) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CLDND1
Synonyms:	C3orf4; GENX-3745; Z38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC201014 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATAACCGTTTTGCTACAGCATTTGTAATTGCTTGTGTGCTTAGCCTCATTTCACCATCTACATGG
CAGCCTCCATTGGCACAGACTTCTGGTATGAATATCGAAGTCCAGTTCAAGAAAATTCAGTGATTTGAA
TAAAAGCATCTGGGATGAATTCATTAGTGATGAGGCAGATGAAAAGACTTATAATGATGCACTTTTTCGA
TACAATGGCACAGTGGGATTGTGGAGACGGTGTATCACCATACCCAAAAACATGCATTGGTATAGCCAC
CAGAAAGGACAGAGTCATTTGATGTGGTCACAAAATGTGTGAGTTTCACACTAACTGAGCAGTTCATGGA
GAAATTTGTTGATCCCGAAACCACAATAGCGGGATTGATCTCCTTAGGACCTATCTTTGGCGTTGCCAG
TTCTTTTACCTTTTGTGAGTTTAGGTTTGTGCTTTGGGGCTTTGATCGGACTTTGTGCTTGCAATT
GCCGAAGCTTATATCCACCATTGCCACGGGCATTCTCCATCTCCTTGCAAGTCTGTGTACTGGGCTC
AGTAAGTTGTTATGTTGCTGGAATTGAACTACTCCACCAGAACTAGAGCTCCCTGACAAATGATCCGGT
GAATTTGGATGGTCTTCTGCCTGGCTTGTGTCTCTGCTCCCTTACAGTTCATGGCTTCTGCTCTTTCA
TCTGGGCTGCTCACCAACCGGAAAGAGTACACCTTAATGAAGGCATATCGTGTGGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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

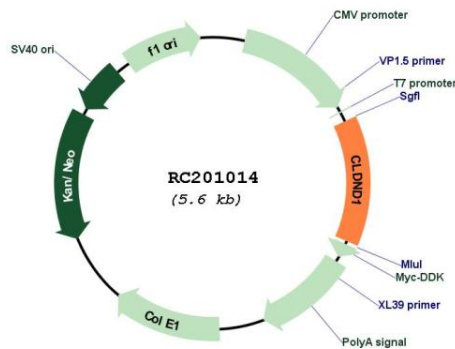
UniProt ID: [Q9NY35](#)

Cytogenetics: 3q11.2

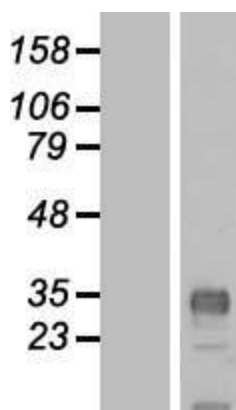
Protein Families: Transmembrane

MW: 28.6 kDa

Product images:



Circular map for RC201014



Western blot validation of overexpression lysate (Cat# [LY421717]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with [RC211544] using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified CLDND1 protein (Cat# [TP301014]). The protein was produced from HEK293T cells transfected with CLDND1 cDNA clone (Cat# RC201014) using MegaTran 2.0 (Cat# [TT210002]).