*h*CLDN9 VersaClone cDNA

Catalog Number: RDC0085

Specifications:

Gene:	*h*CLDN9
Accession:	NP_066192
Insert size:	666bp
Package size:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

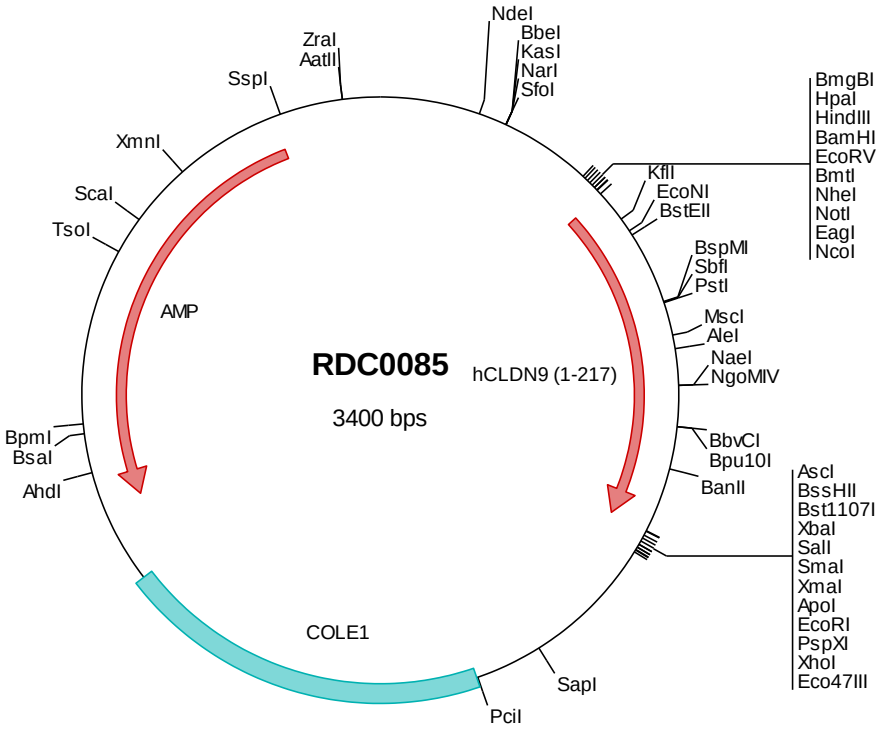
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*CLDN9 cDNA Plasmid

CLDN9 claudin 9
[*Homo sapiens*]

Also known as: claudin-9

Summary:
CLDN9 is a multipass membrane protein in the claudin family of tight junction proteins. It is one of the entry cofactors for hepatitis C virus. Mouse studies revealed that CLDN9 is required for the preservation of sensory cells in the hearing organ and the gene deficiency is associated with deafness. CLDN9 plays a major role in tight junction-specific obliteration of the intercellular space, through calcium-independent cell-adhesion activity.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0085 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggcttcga ccggcttaga actgctgggc atgaccctgg ctgtgctggg
 501  ctggctgggg accctggtgt cctgcgccct gcccctgtgg aaggtgaccg ccttcatcgg caacagcatc gtggtggccc aggtggtgtg ggagggcctg
 601  tggatgtcct gcgtggtgca gagcacgggc cagatgcagt gcaaggtgta cgactcactg ctggctctgc cgcaggacct gcaggccgca cgtgccctct
 701  gtgtcattgc cctcctgctg gccctgcttg gcctcctggt ggccatcaca ggtgcccagt gtaccacgtg tgtggaggac gaaggtgcca aggcccgtat
 801  cgtgctcacc gcgggggtca tcctcctcct cgccggcatc ctggtgctca tccctgtgtg ctggacggcg cacgccatca tccaggactt ctacaacccc
 901  ctggtggctg aggccctcaa gcgggagctg ggggcctccc tctacctggg ctgggcggcg gctgcactgc ttatgctggg cgggggggctc ctctgctgca
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1301  tgcgctcact gcccgctttc cagtcgggaa acctgtcgtg ccagctgcat taatgaatcg gccaacgcgc ggggagaggc ggtttgcgta ttgggcgctc
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1801  tcggtgtagg tcgttcgctc caagctgggc tgtgtgcacg aaccccccgt tcagcccgac cgctgcgcct tatccggtaa ctatcgtctt gagtccaacc
1901  cggtaagaca cgacttatcg ccactggcag cagccactgg taacaggatt agcagagcga ggtatgtagg cggtgctaca gagttcttga agtggtggcc
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2101  accaccgctg gtagcggtgg ttttttttgtt tgcaagcagc agattacgcg cagaaaaaaa ggatctcaag aagatccttt gatcttttct acggggtctg
2201  acgctcagtg gaacgaaaac tcacgttaag ggattttggt catgagatta tcaaaaagga tcttcaccta gatccttttа aattaaaaat gaagttttaa
2301  atcaatctaa agtatatatg agtaaacttg gtctgacagt taccaatgct taatcagtga ggcacctatc tcagcgatct gtctatttcg ttcatccata
2401  gttgcctgac tccccgtcgt gtagataact acgatacggg agggcttacc atctggcccc agtgctgcaa tgataccgcg agacccacgc tcaccggctc
2501  cagatttatc agcaataaac cagccagccg gaagggccga gcgcagaagt ggtcctgcaa ctttatccgc ctccatccag tctattaatt gttgccggga
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2701  agctccggtt cccaacgatc aaggcgagtt acatgatccc ccatgttgtg caaaaaagcg gttagctcct tcggtcctcc gatcgttgtc agaagtaagt
2801  tggccgcagt gttatcactc atggttatgg cagcactgca taattctctt actgtcatgc catccgtaag atgcttttct gtgactggtg agtactcaac
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3001  atcattggaa aacgttcttc ggggcgaaaa ctctcaagga tcttaccgct gttgagatcc agttcgatgt aacccactcg tgcacccaac tgatcttcag
3101  catcttttac tttcaccagc gtttctgggt gagcaaaaac aggaaggcaa aatgccgcaa aaaagggaat aagggcgaca cggaaatgtt gaatactcat
3201  actcttcctt tttcaatatt attgaagcat ttatcagggt tattgtctca tgagcggata catatttgaa tgtatttaga aaaataaaca aatagggttt
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> RDC0085 Translated Insert Sequence

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201  sipsrsgasg ldkrdyv
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