*h*CLDN15 VersaClone cDNA

Catalog Number: RDC0091

Specifications:

Gene:	*h*CLDN15
Accession:	NP_055158
Insert size:	698bp
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

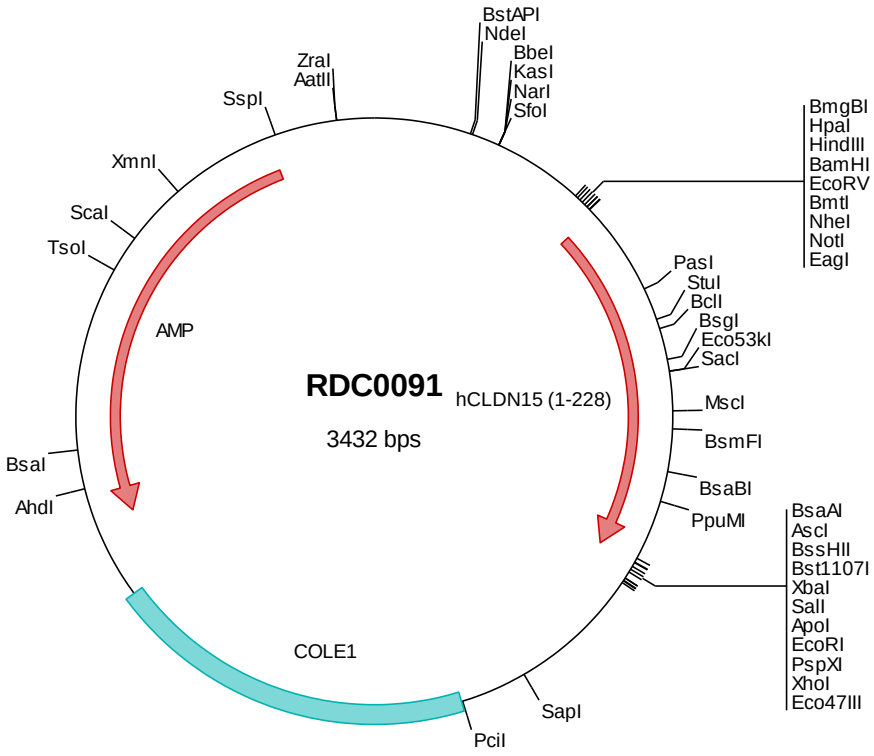
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*CLDN15 cDNA Plasmid

CLDN15 claudin 15 [*Homo sapiens*]

Also known as: claudin-15

Summary:
CLDN15 is a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0091 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 atgtcgatgg ctgtggaaac ctttggcttc ttcatggcaa ctgtggggct
 501  gctgatgctg ggggtgactc tgccaaacag ctactggcga gtgtccactg tgcacgggaa cgtcatcacc accaacacca tcttcgagaa cctctggttt
 601  agctgtgcca ccgactccct gggcgtctac aactgctggg agttcccgtc catgctggcc ctctctgggt atattcaggc ctgccgggca ctcatgatca
 701  ccgccatcct cctgggcttc ctcggcctct tgctaggcat agcgggcctg cgctgcacca acattggggg cctggagctc tccaggaaag ccaagctggc
 801  ggccaccgca ggggccctcc acattctggc cggtatctgc gggatggtgg ccatctcctg gtacgccttc aacatcaccc gggacttctt cgaccccttg
 901  taccccggaa ccaagtacga gctgggcccc gccctctacc tggggtggag cgcctcactg atctccatcc tgggtggcct ctgcctctgc tccgcctgct
1001  gctgcggctc tgacgaggac ccagccgcca gcgcccggcg gccctaccag gctccagtgt ccgtgatgcc cgtcgccacc tcggaccaag aaggcgacag
1101  cagctttggc aaatacggca gaaacgccta cgtgtaggcg cgccagtata ctctagagtc gacacccggg gaattcctcg agcgctcgtc tctagcttgg
1201  cgtaatcatg gtcatagctg tttcctgtgt gaaattgtta tccgctcaca attccacaca acatacgagc cggaagcata aagtgtaaag cctggggtgc
1301  ctaatgagtg agctaactca cattaattgc gttgcgctca ctgcccgctt tccagtcggg aaacctgtcg tgccagctgc attaatgaat cggccaacgc
1401  gcggggagag gcggtttgcg tattgggcgc tcttccgctt cctcgctcac tgactcgctg cgctcggtcg ttcggctgcg gcgagcggta tcagctcact
1501  caaaggcggt aatacggtta tccacagaat caggggataa cgcaggaaag aacatgtgag caaaaggcca gcaaaaggcc aggaaccgta aaaaggccgc
1601  gttgctggcg tttttccata ggctccgccc ccctgacgag catcacaaaa atcgacgctc aagtcagagg tggcgaaacc cgacaggact ataaagatac
1701  caggcgtttc cccctggaag ctccctcgtg cgctctcctg ttccgaccct gccgcttacc ggatacctgt ccgccttttct cccttcggga agcgtggcgc
1801  tttctcaatg ctcacgctgt aggtatctca gttcggtgta ggtcgttcgc tccaagctgg gctgtgtgca cgaaccccccc gttcagcccg accgctgcgc
1901  cttatccggt aactatcgtc ttgagtccaa cccggtaaga cacgacttat cgccactggc agcagccact ggtaacagga ttagcagagc gaggtatgta
2001  ggcggtgcta cagagttctt gaagtggtgg cctaactacg gctacactag aaggacagta tttggtatct gcgctctgct gaagccagtt accttcggaa
2101  aaagagttgg tagctcttga tccggcaaac aaaccaccgc tggtagcggt ggtttttttg tttgcaagca gcagattacg cgcagaaaaa aaggatctca
2201  agaagatcct ttgatctttt ctacggggtc tgacgctcag tggaacgaaa actcacgtta agggattttg gtcatgagat tatcaaaaag gatcttcacc
2301  tagatccttt taaattaaaa atgaagtttt aaatcaatct aaagtatata tgagtaaact tggtctgaca gttaccaatg cttaatcagt gaggcaccta
2401  tctcagcgat ctgtctattt cgttcatcca tagttgcctg actccccgtc gtgtagataa ctacgatacg ggagggctta ccatctggcc ccagtgctgc
2501  aatgataccg cgagacccac gctcaccggc tccagattta tcagcaataa accagccagc cggaagggcc gagcgcagaa gtggtcctgc aactttatcc
2601  gcctccatcc agtctattaa ttgttgccgg gaagctagag taagtagttc gccagttaat agtttgcgca acgttgttgc cattgctaca ggcatcgtgg
2701  tgtcacgctc gtcgtttggt atggcttcat tcagctccgg ttcccaacga tcaaggcgag ttacatgatc ccccatgttg tgcaaaaaag cggttagctc
2801  cttcggtcct ccgatcgttg tcagaagtaa gttggccgca gtgttatcac tcatggttat ggcagcactg cataattctc ttactgtcat gccatccgta
2901  agatgctttt ctgtgactgg tgagtactca accaagtcat tctgagaata gtgtatgcgg cgaccgagtt gctcttgccc ggcgtcaata cgggataata
3001  ccgcgccaca tagcagaact ttaaaagtgc tcatcattgg aaaacgttct tcggggcgaa aactctcaag gatcttaccg ctgttgagat ccagttcgat
3101  gtaacccact cgtgcaccca actgatcttc agcatctttt actttcacca gcgtttctgg gtgagcaaaa acaggaaggc aaaatgccgc aaaaaaggga
3201  ataagggcga cacggaaatg ttgaatactc atactcttcc tttttcaata ttattgaagc atttatcagg gttattgtct catgagcgga tacatatttg
3301  aatgtattta gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgccac ctgacgtcta agaaaccatt attatcatga cattaaccta
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> RDC0091 Translated Insert Sequence

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101  rctnigglel srkaklaata galhilagic gmvaiswyaf nitrdffdpl ypgtkyelgp alylgwsasl isilgglclc sacccgsded paasarrpyq
201  apvsvmpvat sdqegdssfg kygrnayv
```