

Specifications:

Gene:	hCLEC17A
Accession:	NP_001191047
Insert size:	1150bp
Concentration:	10µg at 0.2µg/µL

hCLEC17A cDNA Plasmid

**CLEC17A C-type lectin domain
family 17 member A [*Homo sapiens* (human)]**

Summary:

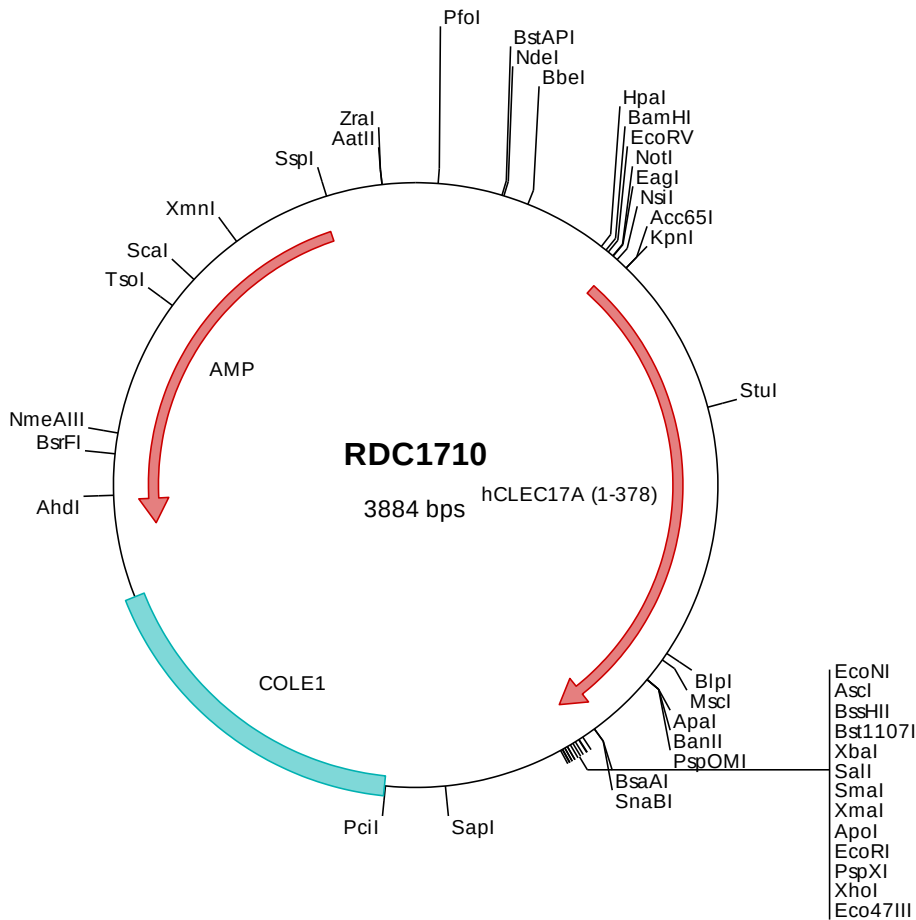
CLEC17A is a member of the C-type lectin family of proteins. CLEC17A is a cell surface receptor which may be involved in carbohydrate-mediated communication between cells in the germinal center. It binds glycans with terminal alpha-linked mannose or fucose residues.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1710 Plasmid DNA Sequence

```

1   tcgcgcgcttt  cggatgatgac  ggtgaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctc  gtaagcggat  gccgggagca  gacaagcccg
101  tcagggcgcg  tcagcgggtg  ttggcgggtg  tcggggctgg  cttactatg  cggcatcaga  gcagattgta  ctgagagtgc  accatatgcg  gtgtgaaata
201  ccgcacacgat  gcgtaaggag  aaaataccgc  atcaggcgcc  attcgccatt  caggctcgcc  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcgctat
301  tacgccagct  ggcgaaaagg  ggatgtgctg  caaggcgatt  aagttgggta  acgccagggt  tttcccagtc  acgacgttgt  aaaacgacgg  ccagtgaatt
401  ggagacgtgt  taacaagctt  ggatccgata  tcgctagcgc  ggccgcccac  atgcataatc  tgtattccat  cactgggtac  ccggacccac  cagggaccat
501  ggaggaggag  gaggaggatg  atgactatga  gaactcaaca  cctccctaca  aggaccttcc  tcccaagcca  gggaccatgg  aggaggagga  ggaggatgat
601  gactatgaga  actcaacacc  tccctacaag  gaacttcttc  ccaagccagg  gaccatggag  gaggaggagg  aggatgatga  ctatgagaac  tcaacacctc
701  cctacaagga  ccttctctcc  aagccagggt  caagtgtccc  accaagacct  ccaagggcag  caaaggaaac  agagaaaccc  ccacttctct  gcaagccccc
801  gaacatgaca  ggcttggaac  tcgcccgtgt  cacctgtcca  cctcctcaac  tggctgtgaa  tcttgagcct  tctccattgc  agccatccct  ggccgcaact
901  ccagtcacct  ggctcaatca  gaggtctgga  ggtcctgggt  gctgccaga  gaggtggatg  gtgtacctgt  gtctgctggt  ggtgaacttc  ctgttctctg
1001 gctgccttgg  tctcacttga  agctgatgta  gttgatggaa  gttgatggaa  gaactgagaa  tgttaagctt  tcagcagatg  acgtggcgaa  caaatatgac
1101 tggcatggca  gggctagctg  gcttgaagca  tgacattgcc  cgtgtaagag  ctgacaccaa  ccagtcctct  gtggaacttt  ggggcttatt  agactgcgcc
1201 cgaattacct  gtcttgaagg  ctggctgccc  tttgaggcca  agtgttaact  cttctcccca  agcacaagt  catgggatga  ggcccggtat  ttctgcagg
1301 agaattacct  tcacttggct  atcatcaata  gctttgctga  gcacaatttt  ctggccaagg  cctatggctc  tccacgggtg  tactggctgg  ggctgaaatg
1401 cagggcccag  gaaggggact  ggaggtggct  ggtatgggtc  cctgtgacat  taagctctct  ggagccagag  gaaccaata  acatccacga  tgaggactgt
1501 gctaccatga  acaaaagtgg  cacctggaat  gatctctctt  gtcacaaaac  taagtattgg  atttgtgagc  ggaaatgttc  ctgttaaagg  ccgcgcagta
1601 tactctagag  tcgacacccc  gggaattcct  cgagcgctcg  tctctagctt  ggcgtaatca  tgggtcatagc  tgtttcctgt  gtgaaattgt  tatccgctca
1701 caattccaca  caacatacga  gccggaagca  taaagtgtaa  agcctggggt  gcctaagtag  tgagctaaat  cacattaatt  gcgttgcgct  cactgccccg
1801 tttccagtcg  ggaacctgtt  cgtgccagct  gcattaatga  atcgcccaac  gcgcggggag  aggcggtttg  cgtattgggc  gctcttccgc  ttctctcgct
1901 actgactcgc  tgcgctcggt  accctcggtg  tatcagctca  ctcaaggcg  ctcaaaaggc  gtaatacggt  tatccacaga  atcaggggat  aacgcaggaa
2001 agaacatgtg  agcaaaaggc  cagcaaaagg  ccaggaaccg  taaaaaggcc  gcgttgcttg  cgtttttcca  taggctccgc  cccctgacg  agcatcaca
2101 aaatcgacgc  tcaagtcaga  ggtggcgaaa  cccgacagga  ctataaagat  accaggcgtt  tccccctgga  agctccctcg  tgcgtctcgc  tgttcgcacc
2201 ctgcgcgtta  ccggtacact  gtcgcctctt  ctcccttcgg  gaagcgtggc  gctttctcaa  tgcctcacgt  tgcattatcg  gatgtatct  taggtgcttc
2301 gctccaagct  gggctgtgtg  acgcaacccc  ccgttcagcc  cgaccgctgc  gccttatccg  gtaactatcg  tcttgagtc  aacccggtaa  gacacgactt
2401 atcgccactg  gcagcagcca  ctggtaacag  gattagcaga  gcgaggtatg  taggcggtgc  tacagagttc  ttgaagtgg  ggcctaacta  ccgtacact
2501 agaaggacag  tatttggtag  ctgcgctctg  ctgaagccag  ttaccttcgg  ttaagcgttc  ggtagctctt  gatccggcaa  acaaacacc  gctggtagcg
2601 gtggtttttt  tgtttgcaag  cagcagatta  ccgcagaaaa  aaaaggatct  caagaagatc  ctttgatctt  ttctacggg  tctgacgctc  agtggaacga
2701 aaactcacgt  taaggatttt  ttgtcatgag  attatcaaaa  aggatcttca  cctagatcct  tttaaattaa  aaatgaagt  ttaaatcaat  ctaaagtata
2801 tatgagtaaa  cttggtctga  cagttaccaa  gtgaggcacc  tatctcagcg  atctgtctat  ttctgtctat  ttcgttctc  catagttgct  tgactccccg
2901 tcgtgtagat  aactacgata  ccggaggggt  taccatctgg  ccccgagctc  gcaatgatac  cgcgagacc  acgctcacc  gctccagatt  tatcagcaat
3001 aaaccagcca  gccggaagg  ccgagcgcag  aagtggctct  gcaactttat  ccgcctccat  ccagctctat  aattgttgcc  gggaagctag  agtaagttag
3101 tcgccagtta  atagtttgcg  caacgttgtt  gccattgcta  caggcatcgt  ggtgtcacgc  tcgtcgtttg  gtatggcttc  attcagctcc  ggttcccaac
3201 gatcaaggcg  agttacatga  tccccatgt  tgtgcaaaaa  agcgggttag  tccttcggtc  ctccgatcgt  tgtcagaagt  aagttggccg  cagtgtttat
3301 actcatgggt  atggcagcac  tgcataattc  tcttactgtc  atgccatccg  taagatgctt  ttctgtgact  ggtgagtact  caaccaagtc  attctgagaa
3401 tagtgtatgc  ggcgaccgag  ttgctcttgc  ccggcgtaaa  tacgggataa  taaccgcgca  catagcagaa  ctttaaaagt  gctcatcatt  ggaaaacgtt
3501 cttcggggcg  aaaactctca  aggatcttac  cgctgttgag  atccagttcg  atgtaaccca  ctcgtagcac  caactgatct  tcagcatctt  ttactttcac
3601 cagcgtttct  gggtgagcaa  aaacaggaag  gcaaaatgcc  gcaaaaaagg  gaataagggc  gacacggaaa  tgttgaaatc  tcactacttt  cctttttcaa
3701 tattattgaa  gcatttatca  gggttattgt  ctcatgagcg  gatacatatt  tgaatgtatt  tagaaaaata  aacaaatagg  ggttcgcgcg  acatttcccc
3801 gaaaagtgcc  acctgacgtc  taagaaacca  ttattatcat  gacattaacc  tataaaaaata  ggcgtatcac  gaggcccttt  cgctc

```

> RDC1710 Translated Insert Sequence

```

1   mhnlysitgy  pdppgtmee  eeddyenst  ppykdlppk  gtmeeeeedd  dyenstppyk  dlppkpgtme  eeeeddyen  stppykdlpp  kpgssapprp
101  praaketekp  plpckprmt  gldlaavtc  ppqlavnlep  splqpslaat  pvpwlnqrs  gpgccqkrwm  vylcllvts  lflgclglv  tlikyqelme
201  elrmlsfqgm  twrtnmtgma  glaglkhdia  rvradtnqsl  velwglldcr  ritcpegwlp  feqkcyfysp  stkswdearm  fcqenyshlv  iinsfaehnf
301  vakahgsprv  ywlgindra  egdwrwldgs  pvtlsfwepe  epnnihdedc  atmknkggtw  dlscyktytw  icerkescc

```