# *h*FCRL4/FcRH4 VersaClone cDNA

**Catalog Number: RDC0744**

## Specifications:

| | |
|---|---|
| Gene: | *h*FCRL4 |
| Accession: | NP_112572 |
| Insert size: | 1560bp |
| Concentration: | 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

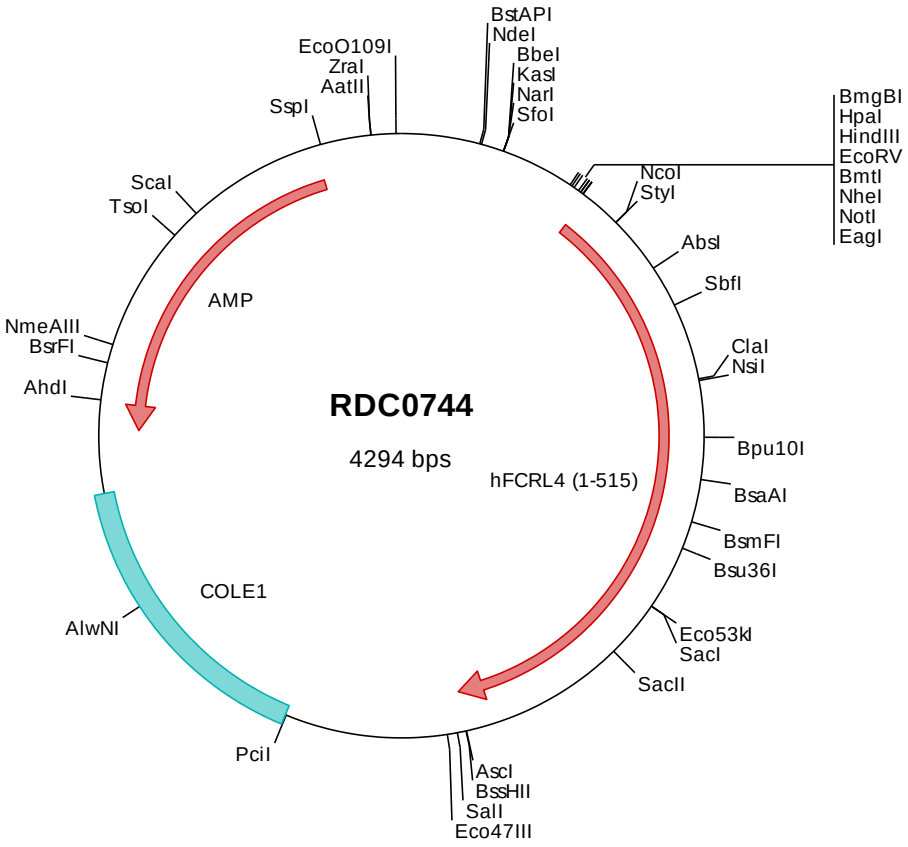
| | |
|---|---|
| Formulation | cDNA is provided in 10 mM Tris-Cl, pH 8.5 |
| Shipping | Ships at ambient temperature |
| Stability | 1 year from date of receipt when stored at -20°C to -80°C |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |

# *h*FCRL4/FcRH4 cDNA Plasmid

**FCRL4 Fc receptor-like 4 [ *Homo sapiens* (human) ]**

**Also known as:** FCRH4; IGFP2; IRTA1; CD307d

**Summary:**
FCRL4 is a member of the immunoglobulin receptor superfamily. It is expressed by memory and monocytoid B cells and contains three potential immune-receptor tyrosine-based inhibitory motifs. FCRL4 may function as an inhibitor of B-cell receptor signaling and may play a role in regulation of the immune system. Aberrations in the chromosomal region encoding this gene are associated with non-Hodgkin lymphoma and multiple myeloma. Alternatively spliced transcripts encoding different proteins have been described.




FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

## > RDC0744 Plasmid DNA Sequence

```
   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 atgctgctgt gggcgtcctt gctggccttt gctccagtct gtggacaatc
 501  tgcagctgca cacaaacctg tgatttccgt ccatcctcca tggaccacat tcttcaaagg agagagagtg actctgactt gcaatggatt tcagttctat
 601  gcaacagaga aaacaacatg gtatcatcgg cactactggg gagaaaagtt gaccctgacc ccaggaaaca ccctcgaggt tcgggaatct ggactgtaca
 701  gatgccaggc ccggggctcc ccacgaagta accctgtgcg cttgctcttt tcttcagact ccttaatcct gcaggcacca tattctgtgt ttgaaggtga
 801  cacattggtt ctgagatgcc acagaagaag gaaagagaaa ttgactgctg tgaaatatac ttggaatgga aacattcttt ccatttctaa taaaagctgg
 901  gatcttctta tcccacaagc aagttcaaat aacaatggca attatcgatg cattggatat ggagatgaga atgatgtatt tagatcaaat ttcaaaataa
1001  ttaaaattca agaactattt ccacatccag agctgaaagc tacagactct cagcctacag aggggaattc tgtaaacctg agctgtgaaa cacagcttcc
1101  tccagagcgg tcagacaccc cacttcactt caacttcttc agagatggcg aggtcatcct gtcagactgg agcacgtacc cggaactcca gctcccaacc
1201  gtctggagag aaaactcagg atcctattgg tgtggtgctg aaacagtgag gggtaacatc cacaagcaca gtccctcgct acagatccat gtgcagcgga
1301  tccctgtgtc tggggtgctc ctggagaccc agccctcagg gggccaggct gttgaagggg agatgctggt ccttgtctgc tccgtggctg aaggcacagg
1401  ggataccaca ttctcctggc accgagagga catgcaggag agtctgggga ggaaaactca gcgttccctg agagcagagc tggagctccc tgccatcaga
1501  cagagccatg caggggata ctactgtaca gcagacaaca gctacggccc tgtccagagc atggtgctga atgtcactgt gagagagacc ccaggcaaca
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1701  agttggtttc ttgggagatg aaaccaggct ccctcccgct ccaggcccag gagagtcctc ccattccatc tgccctgccc aggtggagct tcagtcgttg
1801  tatgttgatg tacaccccaa aaagggagat ttggtatact ctgagatcca gactactcag ctgggagaag aagaggaagc taatacctcc aggacacttc
1901  tagaggataa ggatgtctca gttgtctact ctgaggtaaa gacacaacac ccagataact cagctggaaa gatcagctct aaggatgaag aaagttaagg
2001  cgcgccagta tactctagag tcgacacccg gggaattcct cgagcgctcg tctctagctt ggcgtaatca tggtcatagc tgtttcctgt gtgaaattgt
2101  tatccgctca caattccaca caacatacga gccggaagca taaagtgtaa agcctggggt gcctaatgag tgagctaact cacattaatt gcgttgcgct
2201  cactgcccgc tttccagtcg ggaaacctgt cgtgccagct gcattaatga atcggccaac gcgcggggag aggcggtttg cgtattgggc gctcttccgc
2301  ttcctcgctc actgactcgc tgcgctcggt cgttcggctg cggcgagcgg tatcagctca ctcaaaggcg gtaatacggt tatccacaga atcaggggat
2401  aacgcaggaa agaacatgtg agcaaaaggc cagcaaaagg ccaggaaccg taaaaaggcc gcgttgctgg cgtttttcca taggctccgc ccccctgacg
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2601  tgttccgacc ctgccgctta ccggatacct gtccgccttt ctcccttcgg gaagcgtggc gctttctcaa tgctcacgct gtaggtatct cagttcggtg
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2801  gacacgactt atcgccactg gcagcagcca ctggtaacag gattagcaga gcgaggtatg taggcggtgc tacagagttc ttgaagtggt ggcctaacta
2901  cggctacact agaaggacag tatttggtat ctgcgctctg ctgaagccag ttaccttcgg aaaaagagtt ggtagctctt gatccggcaa acaaaccacc
3001  gctggtagcg gtggtttttt tgtttgcaag cagcagatta cgcgcagaaa aaaaggatct caagaagatc ctttgatctt ttctacgggg tctgacgctc
3101  agtggaacga aaactcacgt taagggattt tggtcatgag attatcaaaa aggatcttca cctagatcct tttaaattaa aaatgaagtt ttaaatcaat
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3401  tatcagcaat aaaccagcca gccggaaggg ccgagcgcag aagtggtcct gcaactttat ccgcctccat ccagtctatt aattgttgcc gggaagctag
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3701  cagtgttatc actcatggtt atggcagcac tgcataattc tcttactgtc atgccatccg taagatgctt ttctgtgact ggtgagtact caaccaagtc
3801  attctgagaa tagtgtatgc ggcgaccgag ttgctcttgc ccggcgtcaa tacgggataa taccgcgcca catagcagaa ctttaaaagt gctcatcatt
3901  ggaaaacgtt cttcggggcg aaaactctca aggatcttac cgctgttgag atccagttcg atgtaaccca ctcgtgcacc caactgatct tcagcatctt
4001  ttactttcac cagcgtttct gggtgagcaa aaacaggaag gcaaaatgcc gcaaaaaagg gaataagggc gacacggaaa tgttgaatac tcatactctt
4101  cctttttcaa tattattgaa gcatttatca gggttattgt ctcatgagcg gatacatatt tgaatgtatt tagaaaaata aacaaatagg ggttccgcgc
4201  acatttcccc gaaaagtgcc acctgacgtc taagaaacca ttattatcat gacattaacc tataaaaata ggcgtatcac gaggcccttt cgtc
```

## > RDC0744 Translated Insert Sequence

```
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 201  qptegnsvnl scetqlpper sdtplhfnff rdgevilsdw stypelqlpt vwrensgsyw cgaetvrgni hkhspslqih vqripvsgvl letqpsggqa
 301  vegemlvlvc svaegtgdtt fswhredmqe slgrktqrsl raelelpair qshaggyyct adnsygpvqs mvlnvtvret pgnrdglvaa gatggllsal
 401  llavallfhc wrrrksgvgf lgdetrlppa pgpgesshsi cpaqvelqsl yvdvhpkkgd lvyseiqttq lgeeeeants rtlledkdvs vvysevktqh
 501  pdnsagkiss kdees
```