

Specifications:

Gene:	hIGFLR1
Accession:	NP_078936
Insert size:	1081bp
Concentration:	10µg at 0.2µg/µL

hIGFLR1 cDNA Plasmid

IGFLR1 IGF like family receptor 1
[*Homo sapiens* (human)]

Also known as: TMEM149;
U2AF1L4

Summary:

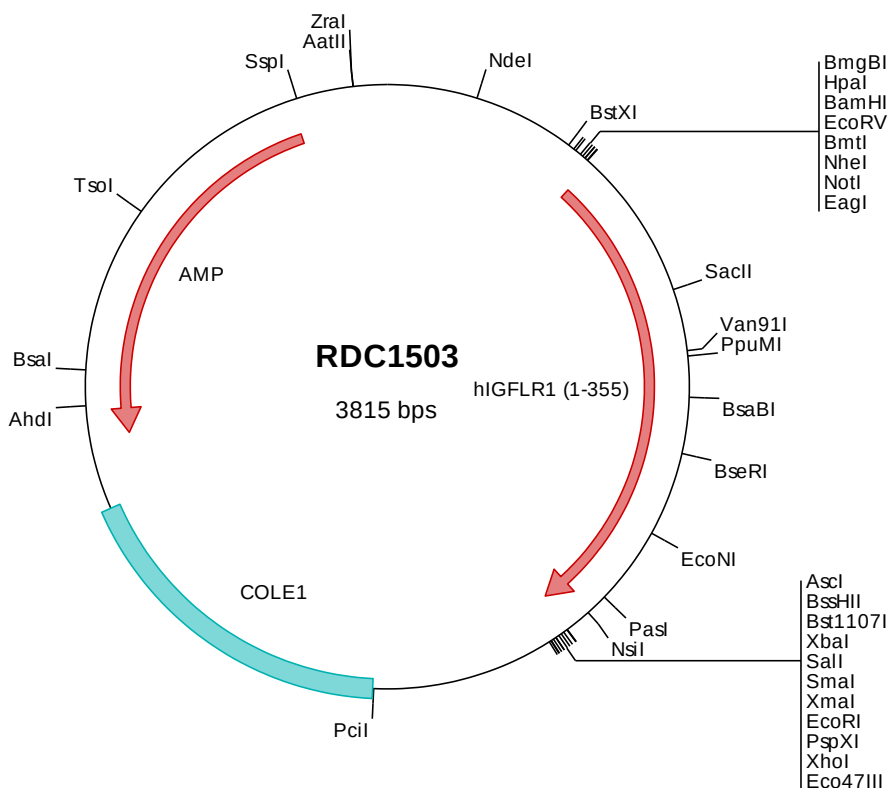
IGFLR1 is a cell membrane receptor for the IGF-like family proteins. It binds IGFL1 and IGFL3 with high affinity. Its structure has similarities to TNF receptor family members. IGFLR1 may have a role during skin inflammation.

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

> RDC1503 Plasmid DNA Sequence

```

1   tcgcgcgcttt  cggatgatgac  ggtgaaaaacc  tctgacacat  gcagctcccc  gagacggtca  cagcttgctct  gtaagcggat  gccgggagca  gacaagcccc
101  tcaggggcgcg  tcagcgggtg  ttggcgggtg  tcggggctgg  cttactatg  cggcatcaga  gcagattgta  ctgagagtgc  accatatgcg  gtgtgaaata
201  ccgcacacgat  gcgtaaggag  aaaataccgc  atcaggcgcc  attcgccatt  caggctcgcg  aactgttggg  aagggcgatc  ggtgcgggcc  tcttcctat
301  tacgccagct  ggcgaaagg  ggatgtgctg  caaggcgatt  aagttgggta  acgccagggt  tttcccagtc  acgacgttgt  aaaacgacgg  ccagtgaatt
401  ggagacgtgt  taacaagctt  ggatccgata  tcgctagcgc  ggccgcacc  atggggcctg  gacgatgcct  cctgacggcc  ttgttgcttc  tggccctggc
501  gccaccgcgc  gaagcctccc  agtactgcgg  tcgccttgaa  tactggaacc  cagacaacaa  gtgctgcagc  agctgcctgc  aacgcttcgg  gccgcccccc
601  tgcccggact  atgagtcccg  gaaaaactgc  ggactcaatg  accacggcga  ttctgtaacg  ccccgttcc  gaaagtgttc  ttctgggcag  tgcaaccccg
701  acggcgcgga  gctatgtagc  ccctgcggcg  gcggagccgt  gacccctact  cccgcgcgg  gcgggggcag  aaccccgtag  cgtgcagag  agaggccggt
801  ccctggccaag  gggcactgcc  ccctcacacc  tggaaaccca  ggcgccccta  gctcccagga  gcgcagctca  ccagcaagtt  ccattgcctg  gaggacccct
901  gagcctgtcc  ctcagcagge  ctggccgaat  ttctctccgc  tcgtgtgtct  ggtcctgtct  ctgacctgg  cggtgatagc  gactcctctg  ttattcttgc
1001  ttctggcatct  ctgctggccc  aaggagaaag  ccgagacatg  toctatcct  ggcttggtct  gcggagtccc  caacaccac  accccttctc  cctgcattct
1101  gtctcccca  ggcgccttg  agacagggga  cacatggaag  gaggcctcac  tacttccact  cctgagcagg  gaactgtcca  gtctggcgtc  acaacccctg
1201  tctcgctcc  tggatgagct  ggaggtgctg  gaagagctga  ttgtactgct  ggacctgag  cctgggccc  gtgggggtat  ggcccatggc  actactcgac
1301  acctggccaag  aagatatggg  ctgctcgtct  cctgttcac  ctttgcctat  tcctcgaggg  cgagtgcctc  gccgctcgcg  gctctgattg  agatggtggt
1401  ggcaaggag  ccctctgct  ccctgggcca  ccttgggaca  cacctcgccc  agctaggggc  ggcagatgca  ttgggggtgc  tgtccaaagt  tggctcatct
1501  ggggtttgct  gggcttaaag  gcggccagct  atactctaga  gtgcacccc  ggggaattcc  tcgagcgctc  gtctctagct  tggcgtaatc  atggctcatg
1601  ctggtttcctg  tgtgaaattg  ttatccgctc  acaattccac  acaacatacg  agccggaagc  ataaagtgt  aagcctgggg  tgcctaata  gtgagctaac
1701  tcacattaat  tgcgttgccg  tcaactgccc  ctttccagtc  gggaaacctg  tcgtgccagc  tgcattaatg  aatcgccaa  cgcgcgggga  gaggcggttt
1801  gcgtattggg  cgtctctccg  ctctctcgt  caetgactcg  ctgcgctcg  tcgttcggct  gcggcgagcg  gtatcagctc  actcaaaggc  ggtaatacgg
1901  ttatccacag  aatcagggga  taacgcagga  aagaacatgt  gagcaaaaag  ccagcaaaa  gccaggaacc  gtaaaaaagg  cgcgttgctg  gcgttttttc
2001  ataggctccg  ccccccctg  gagcattaca  aaaatcgacg  ctcaagtacg  aggtggcgaa  acccgacagg  actataaaga  taccaggcgt  ttccccctg
2101  aagctccctc  tgcgctctc  ctgttccgac  cctgcgcctt  acgggatacc  gtgcgcctt  tctcccttcg  ggaagcgtgg  cgtcttctca  atgtctcagc
2201  tgtaggtatc  ctgagtcggt  ctgtccaaag  cgtcccaagc  tgggctgtgt  gcaacgaacc  cccgttcagc  ccgaccgctg  cgccttatcc  ggtaactatc
2301  gtcttgagtc  caaccccgta  agacacgact  tatcgccact  ggcagcagcc  actggtaaca  ggattagcag  agcgaggtat  gtaggcggtg  ctacagagtt
2401  cttgaagtgg  tggcctaact  acgggtacac  tagaaggaca  gtatttggt  tctgcgctct  gctgaagcca  gttaccttcg  gaaaaagagt  tggtagctct
2501  tgatccggca  aacaaaccac  cgtgtgtagc  ggtggtttt  ttgtttgcaa  gcagcagatt  acgcgagaa  aaaaaggatc  caaagaagat  cctttgatct
2601  tttctacggg  gtctgacgct  cagtggaaag  aaaactcacg  ttaagggatt  ttggtcatga  gattatcaaa  aaggatcttc  acctagatcc  ttttaaat
2701  aaaatgaagt  tttaaatcaa  tctaaagtat  atatgagtaa  acttggtctg  acagttacca  atgcttaatc  agtgaggcac  ctatctcagc  ctatctgctc
2801  tttcgttcat  ccatagttgc  ctgactcccc  gtcgtgtaga  taactacgat  acgggagggc  ttacctctg  gccccagtg  tgcaatgata  cccgagagcc
2901  cagctccacc  ggctccagat  ttatcagcaa  taaaccagcc  agccggaagg  gccgagcgca  gaagtggctc  tgcaacttta  tccgcctcca  tccagcttat
3001  taattgttgc  cgggaagcta  gagtaagtag  ttgcgcagtt  aatagtttgc  gcaacgttgt  tgccattgct  acaggcatcg  tgggtgcacg  ctgctcggtt
3101  ggtatggctt  cattcagctc  cgttcccaa  cgatcaaggc  gagttacatg  atcccccatg  ttgtgcaaaa  aagcggttag  ctctctcggt  cctccgatcg
3201  ttgtcagaag  taagtgtgct  gcagtggtat  cactcatggt  tatggcagca  ctgcataatt  ctcttactgt  catgccatcc  gtaagatgct  ttctgtgac
3301  ttggtgagtag  tcaaccaagt  cattctgaga  atagtgtatg  cggcgaccga  gttgctcttg  cccgcgctca  atacgggata  ataccgccc  acatagcaga
3401  actttaaaag  tgctcatcat  tggaaaacgt  tcttcggggc  gaaaactctc  aaggatctta  ccgctgttga  gatccagttc  gatgtaaccc  actcgtgcac
3501  ccaactgac  ttcagcatct  tttactttca  ccagcgtttc  tgggtgagca  aaaacaggaa  ggcaaaatgc  cgcaaaaaag  ggaataagg  cgacacggaa
3601  atgttgaaata  ctcatactct  tcttttttca  atattattga  agcattttac  agggttattg  tctcatgagc  ggatacatat  ttgaatgtat  ttgaaaaaat
3701  aaacaaatag  ggtttccgcg  cacatttccc  cgaaaaagtc  cacctgacgt  ctaagaaacc  attattatca  tgacattaac  ctataaaaat  aggcgtatca
3801  cgaggccctt  tcgtc

```

> RDC1503 Translated Insert Sequence

```

1   mppgrcllta  llllalapp  easqycgrle  ywnpdnkccs  sclqrfgppp  cpdyefrenc  glndhgdvft  ppfrkcssgq  cnpdgaels  pcgggavtpt
101  paagggrtpw  rcrerpvpak  ghepltpgnp  gapssqerss  passiawrtp  epvpqgawpn  flplvlvl  ltlaviaill  fillwhlcwp  kekadpypyp
201  glvcgvpnth  tpssshlssp  galetgdtkw  easllpllsr  elsslasqpl  srlldlevl  eelivlldpe  pgpggmahg  ttrhlaaryg  lpaawstfay
301  slrpsrslr  aliemvware  psaslgigt  hlaqlgrada  lrslklgss  gvcwa

```