*h*LILRA1/CD85i/LIR-6 VersaClone cDNA

Catalog Number: RDC1276

Specifications:

Gene:	*h*LILRA1
Accession:	NP_006854
Insert size:	1483bp
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

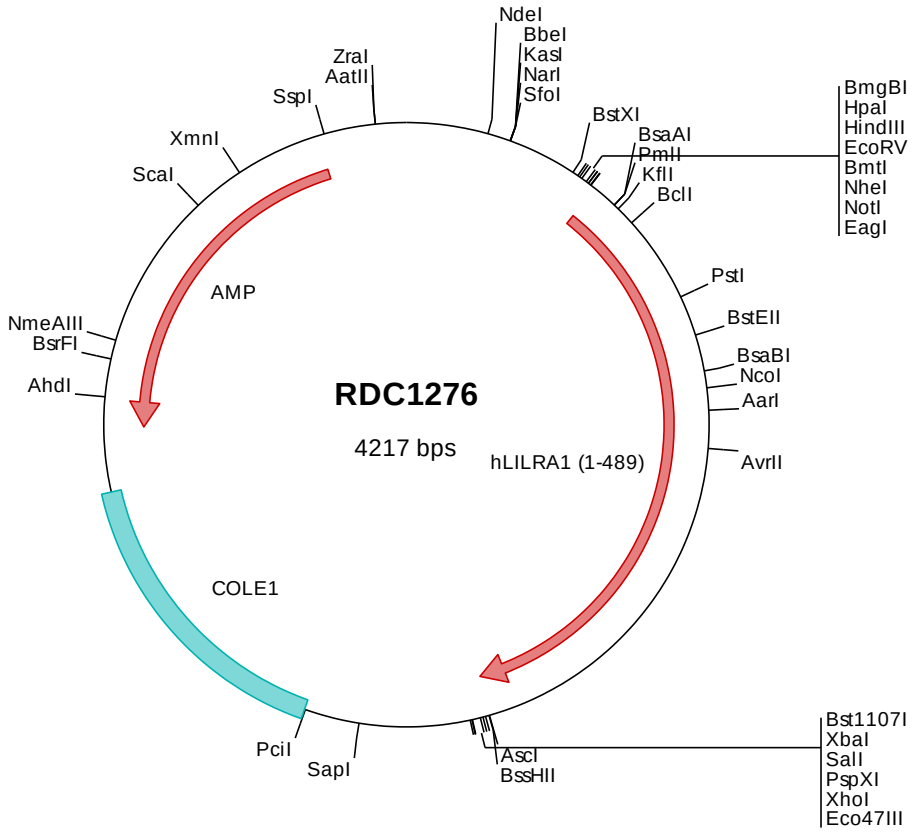
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*LILRA1/CD85i/LIR-6 cDNA Plasmid

LILRA1 leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 1 [*Homo sapiens* (human)]

Also known as: LIR6; CD85I; LIR-6

Summary:
LILRA1 is an activating member of the leukocyte immunoglobulin-like receptor (LIR) family. It is predominantly expressed in B cells and interacts with major histocompatibility complex class I ligands. It may also contribute to the regulation of immune responses. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC1276 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 atgaccccca tcgtcacagt cctgatctgt ctcaggctga gtctgggccc
 501  ccggacccac gtgcaggcag ggaccctccc caagcccaca ctctgggctg agccaggctc tgtgatcacc caggggagtc ccgtgaccct ctggtgtcag
 601  gggatcctgg agacccagga gtaccgtctg tatagagaaa agaaaacagc accctggatt acacggatcc cacaggagat tgtgaagaag ggccagttcc
 701  ccatcccatc catcacctgg gaacacacag ggcggtatcg ctgtttctac ggtagccaca ctgcaggctg gtcagagccc agtgacccca tggagctggt
 801  ggtgacagga gcctacatca aacccaccct ctcagctcta ccaagccctg tggtgacctc aggaggggaac gtgacccttc attgtgtctc acaggtggca
 901  tttggcagct tcattctgtg taaggaagga gaagatgaac atccacaatg cctgaactca cagccccgta cccatgggtg gtcccgggcc atcttctctg
1001  tgggccccgt gagcccgagt cgcaggtggt cgtacaggtg ctatgcttat gactcgaact ctccccatgt gtggtctcta cccagtgatc tcctggagct
1101  cctggtccta ggtgtttcta agaagccatc actctcagtg cagccaggtc ctatagtggc ccctggggag agcctgaccc tccagtgtgt ttctgatgtc
1201  agctacgaca gatttgttct gtataaggaa ggtgagcgtg actttcttca gctacctgga ccacagccac aggctgggct ctctcaggcc aacttcacac
1301  taggtcctgt gagccgctca tacgggggcc agtacagatg ctcaggtgca tacaaccttt catccgagtg gtcggcaccc agcgaccctc tggacatcct
1401  gatcgcagga cagttccgtg gcagaccctt catctcggtg catcctggac ccacggtggc ctcaggagag aacgtgacac tgctgtgtca gtcatggggg
1501  ccgttccaca cttttcttct gaccaaggcg ggagcagctg atgcacctct acgtctcaga tcaatacacg aatatcctaa gtaccaggct gaattcccta
1601  tgagtcctgt gacctcagcc cactcgggga cctacaggtg ctacggctca ctcagctcca atccttacct gctgtctcac ccaagtgact ctctggagct
1701  catggtctca ggagcagctg agaccctcag cccaccacaa aacaagtccg attccaaggc tggagcagct aacaccctca gcccatcaca aaacaagact
1801  gcctcacacc cccaggatta cacagtggag aatctcatcc gcatgggcat agctggcttg gtcctggtgg tcctcgggat tctgctattt gaggctcagc
1901  acagccagag aagcctctga aggcgcgcca gtatactcta gagtcgacac ccggggaatt cctcgagcgc tcgtctctag cttggcgtaa tcatggtcat
2001  agctgtttcc tgtgtgaaat tgttatccgc tcacaattcc acacaacata cgagccggaa gcataaagtg taaagcctgg ggtgcctaat gagtgagcta
2101  actcacatta attgcgttgc gctcactgcc cgctttccag tcgggaaacc tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg gagaggcggt
2201  ttgcgtattg ggcgctcttc cgcttcctcg ctcactgact cgctgcgctc ggtcgttcgg ctgcggcgag cggtatcagc tcactcaaag gcggtaatac
2301  ggttatccac agaatcaggg gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc tggcgttttt
2401  ccataggctc cgccccccctg acgagcatca caaaaatcga cgctcaagtc agaggtggcg aaacccgaca ggactataaa gataccaggc gtttccccct
2501  ggaagctccc tcgtgcgctc tcctgttccg accctgccgc ttaccggata cctgtccgcc tttctccctt cgggaagcgt ggcgctttct caatgctcac
2601  gctgtaggta tctcagttcg gtgtaggtcg ttcgctccaa gctgggctgt gtgcacgaac cccccgttca gcccgaccgc tgcgccttat ccggtaacta
2701  tcgtcttgag tccaacccgg taagacacga cttatcgcca ctggcagcag ccactggtaa caggattagc agagcgaggt atgtaggcgg tgctacagag
2801  ttcttgaagt ggtggcctaa ctacggctac actagaagga cagtatttgg tatctgcgct ctgctgaagc cagttacctt cggaaaaaga gttggtagct
2901  cttgatccgg caaacaaacc accgctggta gcggtggttt ttttgtttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat
3001  cttttctacg gggtctgacg ctcagtggaa cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat ccttttaaat
3101  taaaaatgaa gttttaaatc aatctaaagt atatatgagt aaacttggtc tgacagttac caatgcttaa tcagtgaggc acctatctca gcgatctgtc
3201  tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga taccgcgaga
3301  cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggt cctgcaactt tatccgcctc catccagtct
3401  attaattgtt gccgggaagc tagagtaagt agttcgccag ttaatagttt gcgcaacgtt gttgccattg ctacaggcat cgtggtgtca cgctcgtcgt
3501  ttggtatggc ttcattcagc tccggttccc aacgatcaag gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg gtcctccgat
3601  cgttgtcaga agtaagttgg ccgcagtgtt atcactcatg gttatggcag cactgcataa ttctcttact gtcatgccat ccgtaagatg cttttctgtg
3701  actggtgagt actcaaccaa gtcattctga gaatagtgta tgcggcgacc gagttgctct tgcccggcgt caatacggga taataccgcg ccacatagca
3801  gaactttaaa agtgctcatc attggaaaac gttcttcggg gcgaaaactc tcaaggatct taccgctgtt gagatccagt tcgatgtaac ccactcgtgc
3901  acccaactga tcttcagcat cttttacttt caccagcgtt tctgggtgag caaaaacagg aaggcaaaat gccgcaaaaa agggaataag ggcgacacgg
4001  aaatgttgaa tactcatact cttcctttttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa
4101  ataaacaaat aggggttccg cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa ataggcgtat
4201  cacgaggccc tttcgtc
```

> RDC1276 Translated Insert Sequence

```
   1  mtpivtvlic lrlslgprth vqagtlpkpt lwaepgsvit qgspvtlwcq giletqeyrl yrekktapwi tripqeivkk gqfpipsitw ehtgryrcfy
 101  gshtagwsep sdplelvvtg ayikptlsal pspvvtsggn vtlhcvsqva fgsfilckeg edehpqclns qprthgwsra ifsvgpvsps rrwsyrcyay
 201  dsnsphvwsl psdllellvl gvskkpslsv qpgpivapge sltlqcvsdv sydrfvlyke gerdflqlpg pqpqaglsqa nftlgpvsrs yggqyrcsga
 301  ynlssewsap sdpldiliag qfrgrpfisv hpgptvasge nvtllcqswg pfhtflltka gaadaplrlr siheypkyqa efpmspvtsa hsgtyrcygs
 401  lssnpyllsh psdslelmvs gaaetlsppq nksdskagaa ntlspsqnkt ashpqdytve nlirmgiagl vlvvlgillf eaqhsqrsl
```