

Specifications:

Gene:	<i>mLrrc3</i>
Accession:	NP_660134
Insert size:	787bp
Concentration:	10µg at 0.2µg/µL

**mLRRC3 cDNA
Plasmid**

**Lrrc3 leucine rich repeat
containing 3 [*Mus musculus*
(house mouse)]**

Also known as: C21orf102;
1300011L04Rik

Summary:

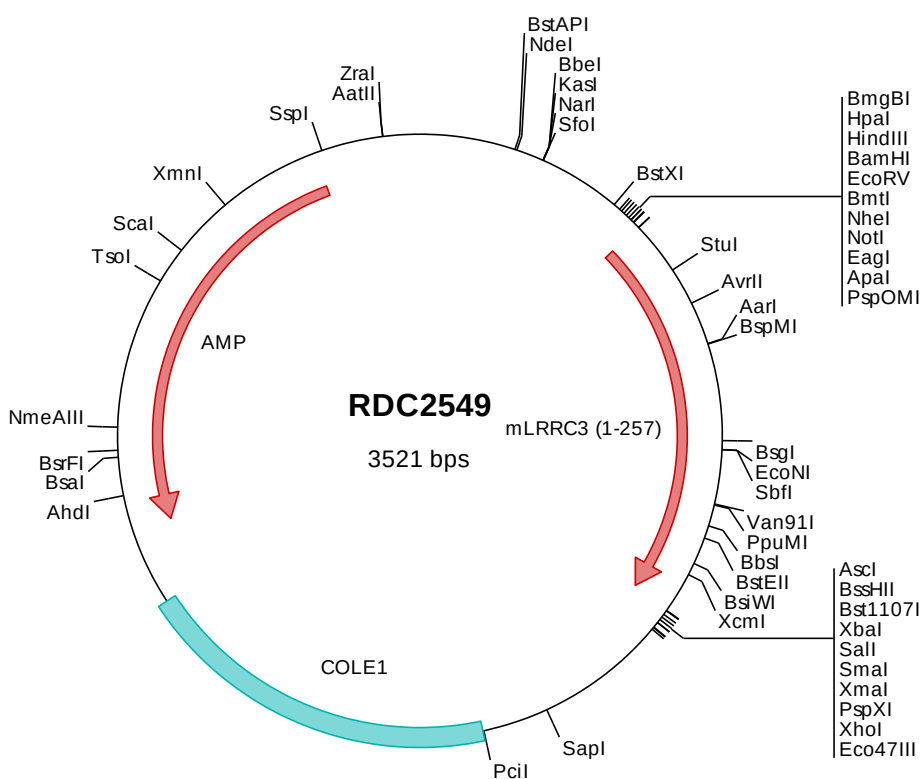
LRRC3 is a member of the Leu-rich repeat protein superfamily. Little is known about the protein except for the fact that it shows widespread expression.

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.



> RDC2549 Plasmid DNA Sequence

```

1   tcgcgcgcttt cgggtgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccc
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcg aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggaatgtctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
401  ggagacgtgt taacaagctt ggaatccgata tcgctagcgc ggccgcccac atgggcccc gaggcaggca gagccccca gccacactgg cccctccca
501  ggggtctctgc ttcttcaacc tcttctgctt acggttaggt gcctcctgcc caccaggcctg ccagtgcctt gacctgctg gggcgtggc tgtccattgc
601  agctcaagag ggtcgcagga gatccctagg gacatccacg ccgacacggt gcttctgaaa ctagacgcca acagaatctc ccgagtcccc aatggagcct
701  tccaaacacct gcctcagctg agggagctgg acctgtccca taatgccatt gagggcattg ggccagcagc cttctcaggt ctggctgggg gcctgcggct
801  gctggactta tccacaacac gcatccgaag aattccaaag gacgccccgg gcaagttagg tgccaagatc cgctgtctcc acaatccact gcaactgtgag
901  tgtgccccgc aggaggccct gtgggaacta aagctggacc cggactccgt ggatgaaatt gcctgccaca cctcagcgca ggagcagttt gtgggcaagc
1001 cgctagctga ggtacctgac tcagggtcca gcttctgcag taccacccgg aagaccaccc atgtcgccat gctggtcacc atgttcggct ggtttaccat
1101 ggtgattgcc tacgtagtgt actacgtacg ccacaaccag gaggatgccca gacgacacct ggagtacctg aagtccttgc ctagtgtctc agtctccaa
1201 gagcctctta gccctgtgccc ctaaaggcgc gccagttatac tctagagtgc acaccggggg aattcctcga gcgctcgtct ctgcttgggc gtaatcatgg
1301  tcatagctgt ttctgtgtgt aaattgttat ccgctcacaa ttccacacaa catacgagcc ggaagcataa agtgtaaacg ctgggggtgcc taatgagtga
1401  gctaactcac attaattgctg ttgcgctcac tgcccgtctt ccagtcggga aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg
1501  cggtttgcgt attgggcgct ctcccgcttc ctcgctcact gactcgctgc gtcggctcgt tcggctgcgg cgagcggtat cagctcactc aaaggcggtg
1601  atacgggtat ccacagaatc aggggataac gcaggaaaaga acatgtgagc aaaaggccag caaaagcgaa ggaaccgtaa aaagggcgcg ttgctggcgt
1701  ttttccatag gctccgcccc cctgacgagc atocaaaaaa tcgacgctca agtcagaggt ggcgaaaccc gacaggacta taaagatacc aggcgtttcc
1801  ccttgggaagc tccctcgtgc gctctcctgt tccgaccctg ccgcttaccg gatcctgttc cgcttcttc ccttcgggaa gcgtggcgct ttctcaatgc
1901  tcactgctga ggtatctcag tctgggtgag tctgctcgtc ccaagctggg cctgtgtgac ctaacccccg gaacccccgc cctctgcgcc ttatccggtg
2001  actatcgtct tgagtccaac ccggttaagac acgacttata gccactggca gcagccactg gtaacaggat tagcagagcg aggtatgtag gcggtgctac
2101  agagttcttg aagtgggtgc ctaactacgg ctacactaga aggacagtat ttggtatctg cgtctgctg aagccagtta ccttcggaaa aagagttggt
2201  agctcttgat ccggcaaaaca aaccacgcgt ggtagcggtg gttttttgt ttgcaagcag cagattacgc gcagaaaaaa aggatctcaa gaagatcctt
2301  tgatcttttc tacgggtgtc gacgctcagt ggaacgaaaa ctcacgttaa gggatttttg tcatgagatt atcaaaaaag atcttcacct agatcctttt
2401  aaattaaaaa tgaagtttta aatcaatcta aagtatatat gagtaaaact ggtctgacag ttaccaatgc ttaatcagtg aggcacctat ctacgcgatc
2501  tgtctatttc gttcatccat agttgcctga ctccccgtcg tgtagataac tacgataacg gagggcttac catctggccc cagtgtgcca atgataccgc
2601  gagacccacg ctcaccggct ccagatttat cagcaataaa ccagccagcc ggaaggcgcg agcgacagaag tggctcgtca actttatccg cctccatcca
2701  gtctattaat tgttgccggg aagctagagt aagtagttcg ccagtttaata gtttgcgcaa cgttgttgcc attgctacag gcacgtggtt gtcacgctcg
2801  tcggtttgga tggcttcatt cagctccggt tcccaacgat caaggcgagt tacatgatcc cccatgttgt gcaaaaaagc ggttagctcc ttcggtcttc
2901  cgatcgttgt cagaagtaag ttggccgcag tgttatcact catggttatg gcagcactgc ataattctct tactgtcatg ccatccgtaa gatgcttttc
3001  tgtgactggt gactactcaa ccaagtcatt ctgagaatag tgtatgcggc gaccgagttg ctcttgcccc gcgtcaatac gggataatac cgcgccacat
3101  agcagaactt taaaagtgtc catcattgga aaacgttctt cggggcgaaa actctcaagg atcttaccgc tgttgagatc cagttcgatg taaccactc
3201  gtgcacccaa ctgatcttca gcatctttta ctttcaccag cgtttctggg tgagcaaaaa caggaaggca aaatgccgca aaaaagggaa taagggcgac
3301  acggaatgt tgaatactca tactcttctt ttttcaatat tattgaagca tttatcaggg ttattgtctc atgagcggat acatatttga atgtatttag
3401  aaaaataaac aaatagggtt tccgcgcaca tttcccgaa aagtgcacc tgacgtctaa gaaaccatta ttatcatgac attaacctat aaaaataggc
3501  gtatcacgag gccctttcgt c

```

> RDC2549 Translated Insert Sequence

```

1   mgrpgrqspq atlapsgqsc ffilfclrlg ascpqacqcp dhagavavhc ssrglqeipr dipadtvlrk ldanrisrvp ngafqhlpgl reldlshnai
101  eaigpaafsg lagglrlldl shnrirripk dalgklsaki rlshnplhce calgealwel kldpdsvdei achtsaqeqf vgkpliqlvd sgasfcsthr
201  ktttdvamlvt mfgwftmvia yvvyyvrhnq edarrhleyl kslpsapvsk eplspvp

```