*h*LRRC1/LANO VersaClone cDNA

Catalog Number: RDC2875

Specifications:

Gene:	*h*LRRC1
Accession:	NP_060684
Insert size:	1588bp
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

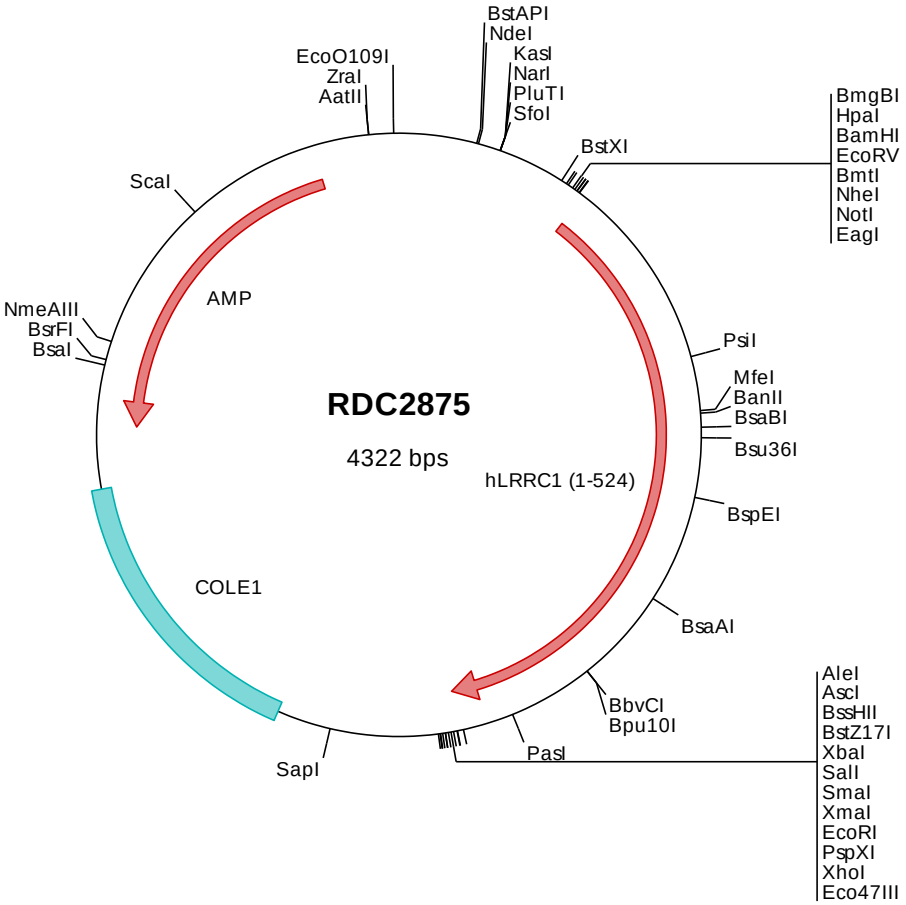
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*LRRC1/LANO cDNA Plasmid

LRRC1 leucine rich repeat containing 1 [*Homo sapiens* (human)]

Also known as: LANO; dJ523E19.1

Summary:
LRRC1 contains multiple leucine rich repeats. It is expressed in many tissues including testis and placenta. It may contribute to hepatocellular carcinoma (HCC) development.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC2875 Plasmid DNA Sequence

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   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 atgttccact gcatcccccc gtggcggtgc aaccgtcatg tggagagcat
 501  cgacaagcgc cactgctcgc tggtctacgt ccccgaggag atctaccgct atgcccggag cctggaggag ctgctgctgg acgccaacca gctccgcgag
 601  ctgcccgagc aatttttcca gctagtcaaa ttacgaaagc ttggacttag tgataatgaa attcagcggc tccctccaga aatagcaaac ttcatgcagc
 701  tggtggaact agatgtgtct cgaaatgaga ttcctgaaat tccagaaagc atttcattct gtaaagcact gcaggtagct gacttcagcg gaaacccact
 801  gactaggttg ccagaaagct ttcctgaatt acagaattta acatgtcttt ctgtaaatga catctcacta cagtctctac ctgaaaatat tggcaatctt
 901  tataacctgg cttcactgga actgagagag aatcttctta catatcttcc tgactctctt acccagctgc gaagactaga agaacttgat ttaggaaaca
1001  atgaaatata taatttgcca gaatcaattg gagccctctt acatctaaaa gatctctggt tggatggaaa tcaactgtca gaattacctc aggaaatagg
1101  aaatctgaag aacctgctgt gtttagatgt ctctgaaaac aggttggaaa gacttcctga agaaatcagt ggcctgactt cattaacgga tttagtcatt
1201  tcccagaact tattagaaac gattccggat ggcattggaa aactaaagaa actgtcaatc ttgaaggtgg atcagaatag actcacacag ttgcctgaag
1301  cagttgggga atgtgaaagt ctcactgagt tagttcttac agaaaatcag ctcctgaccc tgcctaaaag cattggaaaa ctaaagaagt tgagcaactt
1401  gaatgcagac agaaataaat tagtgtcctt accaaaagag atcggcgggt gctgcagcct cactgtgttc tgtgtacgtg acaacagact aactcggata
1501  cctgcagagg tgtcacaggc aacagaactt catgtcctgg atgtggcagg gaacaggttg ctgcatctac ctttatccct gactgccttg aagttgaagg
1601  ctctgtggct atctgacaac cagtcccagc ccctgcttac attccagaca gacacagact acaccacagg agagaagatt ttaacctgtg tcttacttcc
1701  tcagctgcct tctgaaccta cttgtcaaga gaatctgcct cgctgtggtg cactggagaa cttggtaaat gatgtctctg atgaagcctg gaacgagcgt
1801  gctgtcaaca gagtcagtgc gatccgattt gtggaggatg agaaagatga agaagacaat gagacgagaa cacttctaag gcgagccact ccacacccag
1901  gggagttaaa gcacatgaaa aagacagtgg agaatttacg gaatgacatg aatgctgcta aaggactgga ctcaaacaaa aacgaggtca atcatgccat
2001  tgaccgagtg accacttctg tgtaaaggcg cgccagtata ctctagagtc gacacccggg gaattcctcg agcgctcgtc tctagcttgg cgtaatcatg
2101  gtcatagctg tttcctgtgt gaaattgtta tccgctcaca attccacaca acatacgagc cggaagcata aagtgtaaag cctggggtgc ctaatgagtg
2201  agctaactca cattaattgc gttgcgctca ctgcccgctt tccagtcggg aaacctgtcg tgccagctgc attaatgaat cggccaacgc gcggggagag
2301  gcggtttgcg tattgggcgc tcttccgctt cctcgctcac tgactcgctg cgctcggtcg ttcggctgcg gcgagcggta tcagctcact caaaggcggt
2401  aatacggtta tccacagaat caggggataa cgcaggaaag aacatgtgag caaaaggcca gcaaaaggcc aggaaccgta aaaaggccgc gttgctggcg
2501  tttttccata ggctccgccc ccctgacgag catcacaaaa atcgacgctc aagtcagagg tggcgaaacc cgacaggact ataaagatac caggcgtttc
2601  cccctggaag ctccctcgtg cgctctcctg ttccgaccct gccgcttacc ggatacctgt ccgcctttct cccttcggga agcgtggcgc tttctcaatg
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2801  aactatcgtc ttgagtccaa cccggtaaga cacgacttat cgccactggc agcagccact ggtaacagga ttagcagagc gaggtatgta ggcggtgcta
2901  cagagttctt gaagtggtgg cctaactacg gctacactag aaggacagta tttggtatct gcgctctgct gaagccagtt accttcggaa aaagagttgg
3001  tagctcttga tccggcaaac aaaccaccgc tggtagcggt ggtttttttg tttgcaagca gcagattacg cgcagaaaaa aaggatctca agaagatcct
3101  ttgatctttt ctacggggtc tgacgctcag tggaacgaaa actcacgtta agggattttg gtcatgagat tatcaaaaag gatcttcacc tagatccttt
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3301  ctgtctattt cgttcatcca tagttgcctg actccccgtc gtgtagataa ctacgatacg ggagggctta ccatctggcc ccagtgctgc aatgataccg
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3501  agtctattaa ttgttgccgg gaagctagag taagtagttc gccagttaat agtttgcgca acgttgttgc cattgctaca ggcatcgtgg tgtcacgctc
3601  gtcgtttggt atggcttcat tcagctccgg ttcccaacga tcaaggcgag ttacatgatc ccccatgttg tgcaaaaaag cggttagctc cttcggtcct
3701  ccgatcgttg tcagaagtaa gttggccgca gtgttatcac tcatggttat ggcagcactg cataattctc ttactgtcat gccatccgta agatgctttt
3801  ctgtgactgg tgagtactca accaagtcat tctgagaata gtgtatgcgg cgaccgagtt gctcttgccc ggcgtcaata cgggataata ccgcgccaca
3901  tagcagaact ttaaaagtgc tcatcattgg aaaacgttct tcggggcgaa aactctcaag gatcttaccg ctgttgagat ccagttcgat gtaacccact
4001  cgtgcaccca actgatcttc agcatctttt actttcacca gcgtttctgg gtgagcaaaa acaggaaggc aaaatgccgc aaaaaaggga ataagggcga
4101  cacggaaatg ttgaatactc atactcttcc tttttcaata ttattgaagc atttatcagg gttattgtct catgagcgga tacatatttg aatgtattta
4201  gaaaaataaa caaatagggg ttccgcgcac atttccccga aaagtgccac ctgacgtcta agaaaccatt attatcatga cattaaccta taaaaatagg
4301  cgtatcacga ggccctttcg tc
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> RDC2875 Translated Insert Sequence

```
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 101  isfckalqva dfsgnpltrl pesfpelqnl tclsvndisl qslpenignl ynlaslelre nlltylpdsl tqlrrleeld lgnneiynlp esigallhlk
 201  dlwldgnqls elpqeignlk nllcldvsen rlerlpeeis gltsltdlvi sqnlletipd gigklkklsi lkvdqnrltq lpeavgeces ltelvltenq
 301  lltlpksigk lkklsnlnad rnklvslpke iggccsltvf cvrdnrltri paevsqatel hvldvagnrl lhlplsltal klkalwlsdn qsqplltfqt
 401  dtdyttgeki ltcvllpqlp septcqenlp rcgalenlvn dvsdeawner avnrvsairf vedekdeedn etrtllrrat phpgelkhmk ktvenlrndm
 501  naakgldsnk nevnhaidrv ttsv
```