*h*KIAA0319L VersaClone cDNA

Catalog Number: RDC1921

Specifications:

Gene:	*h*KIAA0319L
Accession:	NP_079150
Insert size:	3163bp
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

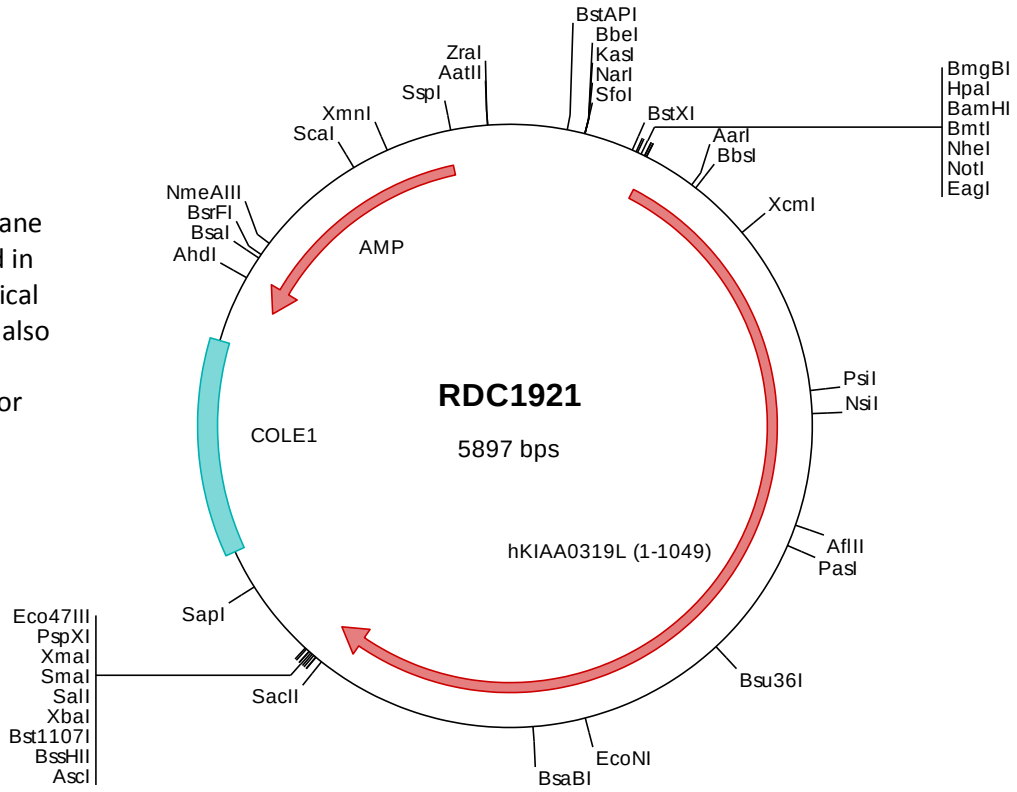
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*KIAA0319L cDNA Plasmid

KIAA0319L KIAA0319 like
[*Homo sapiens* (human)]

Also known as: AAVR

Summary:
KIAA0319L is an integral membrane protein and is primarily localized in the cytoplasmic granules of cortical neurons in the brain cortex, but also present on the cell surface. KIAA0319L is a candidate gene for dyslexia susceptibility.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC1921 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 atggagaaga ggctgggagt caagccaaat cctgcttcct ggatttttatc
 501  aggatattat tggcagacat ctgcgaagtg gttgagaagc ctgtacctgt tttatacttg cttttgcttc agcgttctgt ggttgtcaac agatgccagt
 601  gagagcaggt gccagcaggg gaagacacaa tttggagttg gcctgagatc tgggggagaa aatcacctct ggcttcttga aggaaccccc tctctccagt
 701  catgttgggc tgcctgctgc caggactctg cctgccatgt cttttggtgg ctagaaggga tgtgcattca ggcagactgc agcaggcccc agagctgccg
 801  ggcttttagg acacactcct ccaattccat gctggtgttt ttaaaaaaat tccaaactgc agatgatttg ggctttctac ctgaagatga tgtaccacat
 901  cttctggggc taggttggaa ctgggcatct tggaggcaga gcccacccag agctgcactc agacctgctg tatcttccag tgaccagcag agcttaatca
1001  ggaagcttca gaagagaggt agtcccagtg acgtagttac acctatagtg acacagcatt ctaaagtgaa tgactccaac gaattaggtg gtctgactac
1101  cagtggctct gcagaggtcc acaaggcgat tacaatttcc agtcccctaa ccacagacct gactgcagag ctgtctggtg ggccaaagaa tgtatcagtg
1201  caacctgaaa tatcagaggg tcttgctact acgcccagca ctcaacaagt aaaaagttct gagaaaaccc agattgctgt cccccagcca gtggctccct
1301  cctacagtta tgctacccct acccccagg cctctttcca gagcacctca gcaccatacc cagttataaa ggaactggtg gtatctgctg gagagagtgt
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1501  catcctagag actacagtgg agaaatggaa gggaaacatt cccagatcct caaactatcg aagctcactc caggcctgta tgaattcaaa gtgattgtag
1601  agggtcaaaa tgcccatggg gaaggctatg tgaacgtgac agtcaagcca gagccccgta agaatcggcc ccccattgct attgtgtcac ctcagttcca
1701  ggagatctct ttgccaacca cttctacagt cattgatggc agtcaaagca ctgatgatga taaaatcgtt cagtaccatt gggaagaact taaggggcct
1801  ctaagagaag agaagatttc tgaagataca gccatattaa aactaagtaa actcgtccct gggaactaca ctttcagctt gactgtagta gactctgatg
1901  gagctaccaa ctctactact gcaaacctga cagtgaacaa agctgtggat tacccccctg tggccaacgc aggccccaac caagtgatca ccctgcccca
2001  aaactccatc accctctttg ggaaccagag cactgatgat catggcatca ccagctatga gtggtcactc agcccaagca gcaaagggaa agtggtggag
2101  atgcagggtg ttagaacacc aaccttacag ctctctgcga tgcaagaagg agactacact taccagctca cagtgactga cacaatagga cagcaggcca
2201  ctgctcaagt gactgttatt gtgcaacctg aaaacaataa gcctcctcag gcagatgcag gcccagataa agagctgacc cttcctgtgg atagcacaac
2301  cctggatggc agcaagagct cagatgatca gaaaattatc tcatatctct gggaaaaaac acagggacct gatggggtgc agctcgagaa tgctaacagc
2401  agtgttgcta ctgtgactgg gctgcaagtg gggacctatg tgttcacctt gactgtcaaa gatgagagga acctgcaaag ccagagctct gtgaatgtca
2501  ttgtcaaaga agaaataaac aaaccaccta tagccaagat aactgggaat gtggtgatta ccctacccac gagcacagca gagctggatg gctctaagtc
2601  ctcagatgac aagggaatag tcagctacct ctggactcga gatgagggga gcccagcagc aggggaggtg ttaaatcact ctgaccatca ccctatcctt
2701  tttctttcaa acctggttga gggaacctac acttttcacc tgaaagtgac cgatgcaaag ggtgagagtg acacagaccg gaccactgtg gaggtgaaac
2801  ctgatcccag gaaaaacaac ctggtggaga tcatcttgga tatcaacgtc agtcagctaa ctgagaggct gaaggggatg ttcatccgcc agattggggt
2901  cctcctgggg gtgctggatt ccgacatcat tgtgcaaaag attcagccgt acacggagca gagcaccaaa atggtatttt ttgttcaaaa cgagcctccc
3001  caccagatct tcaaaggcca tgaggtggca gcgatgctca agagtgagct gcggaagcaa aaggcagact ttttgatatt cagagccttg gaagtcaaca
3101  ctgtcacatg tcagctgaac tgttccgacc atggccactg tgactcgttc accaaacgct gtatctgtga ccctttttgg atggagaatt tcatcaaggt
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3301  gtgatctgtt gttgtaagag gcaaaaagga aaacccaaga ggaaaagcaa gtacaagatc ctggatgcca cggatcagga aagcctggag ctgaagccaa
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3701  tgttatccgc tcacaattcc acacaacata cgagccggaa gcataaagtg taaagcctgg ggtgcctaat gagtgagcta actcacatta attgcgttgc
3801  gctcactgcc cgctttccag tcgggaaacc tgtcgtgcca gctgcattaa tgaatcggcc aacgcgcggg gagaggcggt ttgcgtattg ggcgctcttc
3901  cgcttcctcg ctcactgact cgctgcgctc ggtcgttcgg ctgcggcgag cggtatcagc tcactcaaag gcggtaatac ggttatccac agaatcaggg
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4601  accgctggta gcggtggttt ttttgtttgc aagcagcaga ttacgcgcag aaaaaaagga tctcaagaag atcctttgat cttttctacg gggtctgacg
4701  ctcagtggaa cgaaaactca cgttaaggga ttttggtcat gagattatca aaaaggatct tcacctagat ccttttaaat taaaaatgaa gttttaaatc
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5001  atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggt cctgcaactt tatccgcctc catccagtct attaattgtt gccgggaagc
5101  tagagtaagt agttcgccag ttaatagttt gcgcaacgtt gttgccattg ctacaggcat cgtggtgtca cgctcgtcgt ttggtatggc ttcattcagc
5201  tccggttccc aacgatcaag gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg gtcctccgat cgttgtcaga agtaagttgg
5301  ccgcagtgtt atcactcatg gttatggcag cactgcataa ttctcttact gtcatgccat ccgtaagatg cttttctgtg actggtgagt actcaaccaa
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5701  cttccttttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt atttagaaaa ataaacaaat aggggttccg
5801  cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa ataggcgtat cacgaggccc tttcgtc
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> RDC1921 Translated Insert Sequence

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 101  legmciqadc srpqscrafr thssnsmlvf lkkfqtaddl gflpeddvph llglgwnwas wrqsppraal rpavsssdqq slirklqkrg spsdvvtpiv
 201  tqhskvndsn elggllttsgs aevhkaitis splttdltae lsggpknvsv qpeiseglat tpstqqvkss ektqiavpqp vapsysyatp tpqasfqsts
 301  apypvikelv vsagesvqit lpknevqlna yvlqeppkge tytydwqlit hprdysgeme gkhsqilkls kltpglyefk vivegqnahg egyvnvtvkp
 401  eprknrppia ivspqfqeis lpttstvidg sqstdddkiv qyhweelkgp lreekisedt ailklsklvp gnytfsltvv dsdgatnstt anltvnkavd
 501  yppvanagpn qvitlpqnsi tlfgnqstdd hgitsyewsl spsskgkvve mqggvrtptlq lsamqegdyt yqltvtdtig qqataqvtvi vqpennkppq
 601  adagpdkelt lpvdsttldg sksddqkii sylwektqgp dgvqlenans svatvtglqv gtyvftltvk dernlqsqss vnvivkeein kppiakitgn
 701  vvitlptsta eldgskssdd kgivsylwtr degspaagev lnhsdhhpil flsnlvegty tfhlkvtdak gesdtdrttv evkpdprknn lveiildinv
 801  sqlterlkgm firqigvllg vldsdiivqk iqpyteqstk mvffvqnepp hqifkgheva amlkselrkq kadflifral evntvtcqln csdhghcdsf
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