

## Product datasheet for **SC101926**

### **KIAA0319L (AK097107) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	KIAA0319L (AK097107) Human Untagged Clone
Tag:	Tag Free
Symbol:	KIAA0319L
Synonyms:	AAVR
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for AK097107, the custom clone sequence may differ by one or more nucleotides

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ACTAGCCCCTCTGAGTGTGCTACTAACAGCCCACTGTGCTTGCAAAGCATTTTGTTCCTTTTGCCTGA
TGAAGACTGAGGGTCAGATTTGCCCTGAGCTGCACTGGACAAAATGCCTCCAGGACCCACTTCGCGTGCT
ACTTCCGCTTGGCGGGGGTCTGGGCTGTTGTTTTCTTTGCCCTGGGCATTCTCCTCATGTTTCCACC
TGGAGTTCGCTTTTCCAAGTCCCCAGGTAGTACAGGGTCAGGGACCTTGACTTGCTCTTACTGCTGA
CCAGTCTGTGCTTATGGGCAGAGATGAGACCCAGGCCCGTGTCTGCCAGCTGACCACCTTTCAGCCAGC
CTTGTTCTCCTGTCTTCTATCTTTATCATTTGGCAAGTCTCAGCTTCTGTGAGTGTCTTAGGGCAGAT
AGGAGGGCATTTCCTTGCAAAACAGTAAGATGACTTTGAGTGTGGCACTGGGAGATCAGGGCAGGTAG
TAGGCCTTCTTCTCCTCGCTGGGCTGGGTACCTGGCAGGGTTTCACTCATCATGGATGCCATGGGACA
GGTATCATTGGTTTATGAGAGCTAGACTCTATAAAGCGATTCTAAACACTCTGCAAGTAGAACTATTTT
TATATAAAGCATTTATTAACACTTTTCATGCTTAAAGCTTTGTGTTAGGGAGAGGCTATGGGGTATAG
GGAGTCATCAGACACAGGCTGTGCTCTCAGTCTAGTGAGGGAGAAAAGACACACAGTAGCAGAAGAGAAC
AGGCTCACAGCAGTCTGGACTCTGCACCAAGCAGCTCGATCCACCAACACTGTCAAGGTGGAGACTGGAG
GTGGTGGGGCTTAAATGAGCCAGGAAACCAGAGCAGTGAGGGCGGGGGGCATTTACCCAGGAATA
TTGAGAATGAGGGCCTGGAGGTAAATGTGCAAAACCCACCCCTCACACTGCAGCCAAGGTTTTTATCAT
GTTACTCTGATCATGTTTTTACCCCTGACATTTCTCAATGACTTACTATTTCTAGCACAAAAGCTAG
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CTGATCTCCCTCTTTCTAAACAAGTCTTCTGGTTTATCCAGTAATCTCTTTCTTTTTAAAAATGTGG
CGACAAGTCTTGCTCTGTCACCCAGGCTGGAGTGCAGTGGTATAGTCATAGCTCACTGCAACCTCCAGC
TCCTGAGCTCAAGTGGTCTCCTGCTTCCAGCTCCCAAGCAGCTGGGACTACAGGCATGCACCACCATA
CCAGCCCTAGAAAGCTCTTTCTTATCCCTCCCTTAACTCCTCAAGTTGTGCTCACCTTCTCTCACAT
GCCTGGTTCGGCATTCTCTCGCTGTCTCATGATTAGTTATGTTTGCCTGTCTCCCACCCATCAGTGAA
ATCCCTGAGGGCAGGGGCTGTCTCATTCTGTGGATATGGAGCGGGACCACTATGTGCCAGGCCCTGT
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TGGTGCAGACCCAGCTGCTAGAAGGAGCAGAGAGCATTGAGGAGGTAGAAGAAGGTGACATGATGGACA
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TTTATTATTATTTGAGACAGAGTCTCACTTATCACCCAGGCAGGAGTGCAGTGGTGCATCAAGGCC
ACTGCAGTCTTGACCTCCTGGGCTCAGGTGATCCTTCCACCTCAGCTTCTAAGTAGCTGGGACCACAGG
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TCATCATGTTGCCTAGGCTGTTCTTGAACCTCCTGGGCTTAAAGTATCTGCCTGCCTTGGTCTCTAAAGT
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GGTGTGAAGGTTTCAGTGAAGTACTGATCACTCCAACCTGGGCAATAAAGCCAGACTCTGTCTC
```

**5' Read Nucleotide Sequence:** >OriGene 5' read for AK097107 unedited  
 TTCACATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGGTCCGTGCCAA  
 GGTGGTCATAGCTCCCTTGCCCTTCTCCANAATTGCTGAGGAACATTTGAGGAACAAATC  
 ACAGTTGCCACCTTTCTGGCTGAGAAGTGAGGAGAGGACACCCCTCTCAGTAGGTGCC  
 CACCAAAATAGGGCCCTGCATGCACATCTGGCTCTCATCTCATCTCCAGAGAACCTC  
 TTTCTGAGCAGGGTGGGGTTGTGTTTTTGGCAAAAAGGAAAACCAAGAGGAAAA  
 GCAAGTACAAGATCCTGGATGCCACGGATCAGGAAAGCCTGGAGCTGAAGCCAACCTCCC  
 GAGCAGGTAGGGCCCTGGGTGCCAGAGCTTCTAGGTCTGTGCACTCTCTGTGGAAGG  
 CTGCTGTCACTAGCCCCTCTGAGTGTGCTACTAACAGCCCACTGTGCTTGCAAAGCATT  
 TTGTTCCCTTTTGCCCTGATGAAGACTGAGGGTCAGATTTGCCCTGAGCTGCACTGGACAA  
 AATGCCTCCAGGACCCACTTCGCGTGCTACTTCCGCTTGGCGGGGGTGTGGCCCTGTTG  
 TTTTCTTTGCCTGGCATTCTCCTCATGTTTCCACCTGGAGTCCGCTTTTCCAAGT  
 CCCCAGGTGGTCAGGGTCAGGGACCTTGGACTTGTCTTACTGTGACCAGTCTGTGCT  
 TTATGGGCAGAGATGAGACCCANGCCCGTGTCTGCCAGCTGACCACCTTTCAGCCAGCCT  
 TGNTCTCCTGTCTCCTATCTTTATCATTGGNCAAGTCTCAGCTTCTGTGAGTGTCTTA  
 GGNCAAGATAGAGNCAATNTNCTTGCACAACAGNTAGAGACTTTGAGTGTGGCACTGGG  
 AGACAGGNNCAGTAGTANGCCTTCTTTCTCGCTGGNCTGGNTCACTGNCAGGGTTTCACT  
 T

**3' Read Nucleotide Sequence:** >OriGene 3' read for AK097107 unedited  
 NTTTCACTGTGNACCGCGCGCCGAATCTANGATCGAGTTTTTTTTTTTTTTTTTTTGGAGA  
 CAGAGTCTGGCTTTATTGCCAGGTTGGAGTGATCTCAGTTCCTGAAACCTTCCACCCC  
 CCAGGTTCTAGCAATTCTCCTGCCTTGGCTCTCGAGTAGCTGGGATTACAGGCACCCAC  
 CACCACGCCAGCTACACAGTTGTCTTTTTAAATATAAACCAAGACCGGGTCCATGGC  
 TCACACCTATAATCCCAGCACTTTAGGAGACCAAGGCAGGAGATCACTTAAGCCAGGA  
 GTTCAAGAACAGCCTAGGCAACATGATGAAACCCCGTCTCTACAAAAATACAAAACAAC  
 AACAAACAACAACAAAAAACCTGGGGATGGTGGCGCATGCCTGTGGTCCCAGCTACTTAG  
 GAAGCTGAGGTGGAAGGATCACCTGAGCCAGGAGGTCAAGACTGCAGTGGGCCTTGATC  
 GCACCAGTGCCTCCTGCCTGGGTGATAAGAGTGAGACTCTGTCTCAAATAATAATAAAT  
 GTAAACCAAATCCCACCATTCATCCCCTTAAAAAGCTATCAGTGGCTCCCATTGTACTC  
 AAGAGAAGTCTCAGCAGGGACCTGCTCATCCATTGAGCCTTGGGTCACTCACCCCTTA  
 CTCTGTGGGAAGGTGAACCTGTCCATCATGTACCTTCTTCTACCTCCTCAAATGCTCTC  
 TGCTCCTTCTAGCAGCTGGGTCTGCACCAGTTTTGGTTCTTTGCCTGGAATGCTATTTCC  
 TGCAGCTTTATCTGGCTAGCTCCCACTATCCAGGTCTCAGCTTAATGTTTTTCTCATAA  
 AGGCTTTTATGAGCATATTTAGTATTTGGGAATTTGCTTAAGGCCGTCTGACATAGCTAC  
 CCAGATGGAATCTGC

**Restriction Sites:** NotI-NotI  
**ACCN:** AK097107  
**Insert Size:** 3000 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [AK097107.1](#)

**RefSeq Size:** 2443 bp

**RefSeq ORF:** 2443 bp

**Locus ID:** 79932

**Cytogenetics:** 1p34.3

**Protein Families:** Transmembrane

**Gene Summary:** This gene is a candidate gene for dyslexia susceptibility.[provided by RefSeq, Apr 2009]