

Product datasheet for **SC102162**

ALS2CR15 (ICA1L) (AK094311) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ALS2CR15 (ICA1L) (AK094311) Human Untagged Clone
Tag:	Tag Free
Symbol:	ALS2CR15
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK094311, the custom clone sequence may differ by one or more nucleotides

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CAAGAAGGAAGCTTGTTCAAACATGAATAAAAAGCTGTGCATCTTCTGACTTTGTAGGTGTGAATAACA
AAGATCTGTTCCCTTATGGGTTCCAGAAAACATCTCCAAAGCTATACCAGTCATCATTTTGTGCTTTC
AGAAATGAGTAACATTGTAGGATAGTACTTATTGCTTGTACTTAGCTTTGTGTGCTAGTGAGCATTGTG
AAATAGAAGGCATTCACGGGTAATAATGTGTTCCCTTAGCCAAATGCACAATGGTAGTGCCTTCTAGAA
TCCAAGCTAAAGATGTCGTACATGCCACATCCACACACTTCTTAGCAAAAATCCAACTAGAAGAACTTT
GCTATTTACAACAAAGGCAAATGCTATCAAGAAGTAGGCTTAGTACCACAGGAAGCGGAGCCAAATGTGT
TCTTGAAATTTATAAGTTGACCTGAAAATAATGTTTTGGGAAGCCATGGCTTGCCGTTGTGAGCTGTCAA
AATTGAGCTTGGCAGGAGAAATCAGGGTCAGGAACAGAATAGAGATAGTCAAAAAGACAGAACAGAGA
GAGGGCTACTGTTGTTTCTGGAGTCCAGTGACCACCCGGGTTCTAGTGTGGTACTGGCAGTGGACTAAAT
AAGTGGATCCACCCTAAGGTGGAGAGAAGGTTCCATATGGAGATAATTTAAAGAGCTGACTTTTAGCCCTT
CCAAAGAATTACATGTTCCCTAAGTCCAACTAGGAACATCCTGGATTAAGTTCGCAATTTAAGGCTGTGG
TATACCTGTTTCAAATAAAATAGCCCTGTGAATAGCATGGAAGTCAAATGATATCAACTAGGTTTGAAC
AACCTCCTTCTCTTTTTGAATGGAGCAGTGATTAACGCAAGACATCAGCTTAGAAAATGCATGTATTA
GCAAAAGCCTAAGATGAGGAAAGATCTGGGCATGCCCTGAAGCCAATGCAATTTTTCTTCTCCACCCCA
AACCTGTGCTACGTGATGAATTTACAGTATTAACAAATTGCTGCCGCCTACTTCTTCCAGCTGGGACTT
CAGGACCATCTTTGAATCCTCCTCGGCTCTCCACACCCAGCAGTGCAGCAACTCCTCATCTCTCTCTC
TCTCTCTTTTTTTTTTTTTTTTTTTTTTCGAGACAGAGTCTTGCTCTGTTGCCTAGGCTGGGGTGCAGT
GGCACAATCTCGGCTCACTGCAGCCTCCGCTCCCGGGTCAAGCGATTCTCTGCCTCGGCCTCCTGAG
TGGCTGGGACTACAGGCGGTGCCACACACTGACTAATTTTTGTATTGTTAGTAGAGTGGGTTTTT
ACCATGTTAGGATGGTCTTGATCTCCTGACCTCGTGGATCTGCCACCTCGGCCTCCAAAGTGCAGGGA
CTACAGGCGTGAGCCACTGTGCCTGTCCCTACCCCTCACATCTCTTTAAATATTTTTCAAATATCTGCCTT
CCTTTTCAATCTCATGGACTTGTTGTGGTTATGGCCTCTGTGAGAGGGTTTCTTGCTTCCATTTTTCT
CCGGCTCAGTCCATCTTCAAACCCATGTGAGCGGCTTCTCCTGCTTGCACAGGAAATGAAGTTCAGAC
AGTTTGCAATTTGAGCCTTGCTCACTTTCCAGCCTCACCTCCAGTGACCCCTTCTCTGCCCTACCCCA
GTCCTTCTAGCCATCTTTCTCTCAGGACACACCAGGCAACTCATGCCACCATTCTTGCATGCT
CTTCTCTTGGCCAGCTCACTACCTCTGAAATGTTCCAAAACGCTTCCAGGCAGAATTAATCATTTTG
TGTCTGATTCCAAAACAGGGTTCATTCTCTGTTTATCATGGTGATGATAGTTATTTACTTGTCACT
CTTAGTTAGCTTTGTAACACCTAGCACAGTAACTGAAACAGTAGATGCTCAAACATGGATTATTTTTAA
CTTAAATGAGATGGGTATTTTAGGATGCCAGAATCTTTGGGTCAAAAAGATGTGGCTTAGTTTTATGT
CAGGAACGGCTCTTAGTTCAAGCAGTGAACAACCCCTGGCTCATTCAAACAGGAAGGGAAAAATCAAG
GCTGTTGAGTTGCTCACAGGCTCTGAGGGGTTTATGGAGGCAGATGCTGGTGGCCTCAGCGGAAGGAGCA
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CGCCCCAAGCCTGATGCCAGATTCTGCTGCTCCCTCTGAAAACGATGTCGCTCCAGTGACAGTGCAC
CCCAGCCCAATGGATTCCCTGCAGCCCTCCTTAGCCCATGTCATGCCAAGAGTCAGTGCCACTGATT
GGCTGAGCCTGGATCACATGCCAAGCCCTAGCTGCAAGAGAGGCTGGGAAAGCAAGCATCTGGCTCTG
TGGAGTTGTTGGTCTCTGCCCCATCAAGACTCATGAGGTGGCTGGGCACGGGCATGGTGGCTCACGCCT
GTGATCCAGCGCTTTGCGGGGCTGAAACAAGGGGATCACTTGAGGCCAGGAGTTAAGACCAGCCTGGG
CAACAAAGTGAGACCCCATCTCTATAG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK094311 unedited</p> <pre>ACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGTGGGACTACAGGCACGTGCCAC CACACCTGACTAATTTTTGTATTGTTAGTAGAGATGGGGTTTTACCATGTTAGGATGGT CTTGATTTCTGACCTCGTGGATCTGCCACCTCGGCCTCCCAAAGTGCTGGGACTACAG GCGTGAGCCACTGTGCCTGTCTACCCCTCACATCTCTTTAAATATTTTTCAAATATCTG CCTTCCTTTTTCAATCTCATGGACTTGGTTGTGGTTATGGCCTCTGTGAGAGGGTTTCTT GTTCCATTTTTCTCGGCTTCAGTCCATCTTCCAAACCCATGTCAGCGGCTTCTCCTGC TTGCACAGAAAATGAAGTTCAGACAGTTTGCATTTGAGCCTTGGCTCACTTTCCAGCCT CACCTCCAGTGACCCCTTCTCTGCCCTACCCAGTCCTTCTTAGCCCATCTTTCTTCTC AGGACACACCAGGCANACTTCATGCCACCATTCTTGCATGCTCTTCTTGGCCACG TCACTACCTCTGAAATGTTCCAAAACGCTTCCAGGCAGAATAATCATTNTGTGTCTGT ATTCCAAAACAGNGTTCATTCTCTGTNATCATGGTGATGATAGNTATNTACTTGNAC TCTAGTTAGCTNTGTNACACCTAGCACAGGTAAGAACAGTAGATGCTCAAACATGGAT TTATNNTTACTTAAATGAGATGGGTATTTAGGATGCAGAATCTTTGGGTCAAAGAT GTTGGCTATTTTTATGTGAGGAACCGCTAGTTACAGCGTGAACAACCTGGCTCATT CAACAGAAAGAAAATCAGGCTGGTGATTGCTACCAAGCCTGAAGGGGTATGGAGCAATG CTGGTGCCTCACGAAGGCCATCCAGACTCTTACAGACCATCTGCCATGCTGGTGTGC AGACTGGTGCCTCN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK094311 unedited</p> <pre>NGGGTATTCTATGNACCGCGCCGCTATCTANGATCGATTTTTTTTTTTTTTTTTCATTCT TGTTTTAGGTAGAGAATTGTTTGGTTTGGTGAGAATATTTTTATGGGCTAAGATTAAGTT GTTCCAAAAACCTGTCAAATTTAATTACCCAAAGTGGTAACATCAAAAACCTCATTTC TTGCTTATTTCCAAAAGGGAGTTGAATATATTTCACTTACTCAACAGCAGTTTTTCCAGTA GATCTAGTAAAGACTGTTATAGCACCTGGGCGCGGTGGCTCACACCTGTAATCCCAGCAC TTTGGGAGGCCGAAGCAGGCAGATCACTTGAGGTGAGGAGTTCGAGACCAGCCTGCCAA TATGGTGAACCTGCCTCTACTAAAAACAAAAAATTAGCCGGGCATGGTGGCAAGCGC CTGCAGTCCCAGTACTCAGGAGGCTGAGGCAGGAGAACCGCCGAACCCGAAGGCAGA GGTTGCAGTGAGCCAAGATTGTGCACTGCAGTCCAACCTGGGTTGACAGACTGAGAACTC GCCTCCGAAAGACAAAAATTAATAAATAAAAAAGATTGTTTTAAATAGGAAGCCATC ACACTTGAATATATTCTCCTTACTACCAACAGAGTTTGGAGTCTGGTTCAGAAGCTTTC ACTGAATACCCTGGGTAACAATTTTGGTTCTTTAATTTTTCGCAAATGACGTCTTAAGCC ACTTTTAAAGTCCAGAAGATCCCAGATTACCTTGCAGATAAAAAATACCCATTAATAATTT TCATTTTTACTCAACCGGTATCCCGCCTCTTTTGGATTATCAATAGCCCTTAACT TTTTTAACTTTTGGAGGGGGTTAAAAAATTTCCAGAGGGAGGCGAACCACTAACAAA TATTTAGGGAAAACCTGCTTACTTCTTTAAAAAAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK094311
Insert Size:	1700 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: [AK094311.1](#)

RefSeq Size: 2618 bp

RefSeq ORF: 2618 bp

Locus ID: 130026

Cytogenetics: 2q33.2