

Product datasheet for **SC108662**

ARL6IP4 (NM_016638) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | ARL6IP4 (NM_016638) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ARL6IP4 |
| Synonyms: | SFRS20; SR-25; SRp25; SRrp37 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_016638, the custom clone sequence may differ by one or more nucleotides |

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ATGCCACGTTGCACGTATCAGCTGGAGCAGAATCCTGGCTTCCTCCGGATGGGCTGGGGTCCATGCC  
GCGCTCACTGCCAAGATCTTTCTGGCCCTACGGACACGAGTTTGCGACCTCTGAGTCACTGGTGGGCG  
CGTCGAAAGACCAGGGCGCCTCAGTCTGGAGCTCGCAGTCGATGGAGAGGGCAGGACCAGCCGGGAG  
GAGGGCGGCGCGCGAGGGTGCCTTCTCCAGGGCACGGGGGCGTGGGTGCTGCGGGCGTGCGCCG  
AGAGGGCAGCCTTGAAGTGGGCGCAGCTTCGGCAGACACAGGCGTGAGGGGCTGCGGAGCTCGAGGGCC  
GGCGCCCTGCTTGCTTGCCTGCGGGAGGTGGGCGCGCCCGGACGGAACCTGGGGCGTCAGAACGAAAGGC  
AGCGGCGCGCGCTTCCAGCCGCCAGCCTCCCGCGCAGCGCCCGGCCGGAAGCCTCCTCGCCGCGC  
TTCTCTCGAGAAGGCGGGGGCGGGTGTCCGGCCCGCAGGGCGGTGAGCCCGCGCGCCATGGCTCA  
CGTCGGCTCCCGCAAGCGCTCGAGGAGTCGCAGCCGGTCCCGGGGACGGGGTTCGAAAAGAGAAAGAG  
AAGAGCAGGAAAGACACCTCGAGAACTGCTCGGCCTCCACATCCCAAGAGAGAAGCAAGCAGAAGGCC  
GGAGGAGAACAAGATCCAGCTCCTCCTCTTCTTCCAGTTCTTCTAGCTCCTCTTCTCCTCCTCGTC  
CTCCTCCTTCTCCTCAGTGATGGCCGGAAGAAGCGGGGAAGTACAAGGACAAGAGGAGGAAGAAGAAG  
AGAAGAGGAAGAAGCTGAAGAAGAAGGGCAAGGAGAAGCGGAAGCACAGCAGGTGGAGGCTGCGCGG  
GCCCTCGCTGGACCAGTGGCACCGATCAGCTGGGAGGAAGAGGATGGCCAGTCTGACGGATGAGCA  
GAAGTCCCGAATCCAGGCCATGAAGCCATGACCAAGGAGGAGTGGGATGCCCGCAGAGCATCATCCG  
AAGGTGGTGGACCCTGAGACGGGGCGCACAGGCTTATTAAAGGAGATGGCGAGGTCTAGAGGAAATCG  
TAACCAAAGAACGACACAGAGAGATCAACAAGCAAGCCACCCGAGGGGACTGCCTGGCCTTCCAGATGCG  
AGCTGGTTGCTTCCCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016638 unedited
 GTTACATATTTGTATACACTCACTATAGGCGGCCGCGATTGGCACGAGGGGCGGCCAGTT
 CCCAGGGGTTTGGAGCCGGCCCGCGGCCATGGCTCACGTCGGCTCCCAGCAAGCGCTCG
 AGGAGTCGCAGCCGGTCCCGGGGACGGGGTCCGAAAAGAGAAAGAAAGAGCAGGAAA
 GACACCTCGAGGAAGTCTCGGCCTCCACATCCCAAGAGAGAAGCAAGCAGAAGGCCCG
 AGGAGAACAAGATCCAGCTCCTCCTCTTCCAGTTCTTCTAGCTCCTCTTCTTCC
 TCCTCGTCTCCTCCTCTTCCCTCAGTGATGGCCGGAAGAAGCGGGGAAGTACAAGGAC
 AAGAGGAGAAGAAGAAGAAGAAGAGGAAGAAGCTGAAGAAGAAGGGCAAGGAGAAGCG
 GAAGCACAGCAGGTGGAGGCTCTGCCGGGCCCTCGCTGGACCAGTGGCACCGATCAGCT
 GGGGAGGAAGAGGATGGCCAGTCTGACGGATGAGCAGAAGTCCCGAATCCAGGCCATG
 AAGCCATGACCAAGGAGGAGTGGGATGCCCGGCAGAGCATCATCCGAAGGTGGTGGAC
 CCTGAGACGGCGCACCCAGGCTTATTAAGGGAGATGGCGACGCTCTAGAGGAAATCGTA
 ACCAAGAACGACCCAGAGAGATCAACAAGCAAGCCACCCGAGGGGGACTGCCTGGGCT
 TCCAGATGCGAGCTGGGTTGCTTCCCCTGAGGGGCCCGCTGGCCAAGTCTGTGGACG
 ACGCTGGGCGCCACCCTGGGCAGTTTCAAGGTGGCAGTGGGAAGNCCGATGGGGGG
 CCGGTGGCGCTTCCCGCTGGATTGGTTTTTGGCCAAACCAGTCTTCTACGGGCCAG
 GGGGTGGAGGTGTGGTCCCCCGGCTGCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016638 unedited
 CCGCGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGGTATCCAGGGG
 GGCCTTTAATAGCTGAGAAGTGTGCTCTTTCAGATGGGGGTGCCAAGCAGGCCGGTGC
 CCCAACCTCCACCCCTGCCCTGAGAAGAGACTGGGCTGGGCCAGAGACCAATCCACGG
 GGGAAAGGCCACCAGCACCCATCAGGCTTCCCCTGGCACCTGAAACCTGCCAGGCTG
 GGCCGCCAGCGTCCACAGGCCCTGGCCAGCGGGGCCCTCAGGGAAGCAACCAGCT
 CGCATCTGGAAGGCCAGGCAGTCCCCTCGGGTGGCTTGGTGTCTCTGTGTCGT
 TCTTTGGTTACGATTTCTCTAGGACCTCGCCATCTCCCTTAATAAGCCTGGTGCAGG
 GTCTCAGGGTCCACCACCTTGGCGATGATGCTCTGCCGGGCATCCCCTCTTCTGGTC
 ATGGGCTTCATGGCCTGGATTCCGGACTCTGCTCATCCGTCAGGACTGGGCCATCCTCT
 TCCTCCCCAAGTATCGGTGCCACTGGTCCACCAGGGGCCCGCAGAGCCTCCACCTGC
 TGTGCTCCGCCTTCTCCTTGCCTTTTTTTTCAACTTCTTCTTCTTCTTCTTCTTCTT
 CCCCCCTTGACCTTGAACCTCCCGCTTCTTCCGGCCTCCCTGGGAGAACAGGACGAG
 GACTAGGAGGAAAAAAGACCTCAACAACCTGGAACAAAGGAGGAGGAGCTGGATCCTT
 GTCTCCTCCCGCCCTCTGGTTGGTTTTTGGGGAGGCGGAGGCCAACAACTCCTCGG
 GCGGGCTTCCCTGCCTTCTCTCTCTTTTCCAAACCCGGTCCCGGGAACCGGTGTGA
 CTCCTCGACCGTTTGGGGAACCAACGAATCTCGGGCCCCGGCCGGCTCCAAC

Restriction Sites:

NotI-NotI

ACCN:

NM_016638

Insert Size:

960 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).

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| Reconstitution Method: | <ol style="list-style-type: none">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: | NM_016638.1 , NP_057722.1 |
| RefSeq Size: | 1600 bp |
| RefSeq ORF: | 657 bp |
| Locus ID: | 51329 |
| UniProt ID: | Q66PJ3 |
| Cytogenetics: | 12q24.31 |
| Gene Summary: | <p>Involved in modulating alternative pre-mRNA splicing with either 5' distal site activation or preferential use of 3' proximal site. In case of infection by Herpes simplex virus (HSV1), may act as a splicing inhibitor of HSV1 pre-mRNA.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has an alternate splice junction in the coding region, but maintains the reading frame, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.</p> |