

## Product datasheet for **SC335635**

### ARL6IP4 (NM\_001278378) Human Untagged Clone

#### Product data:

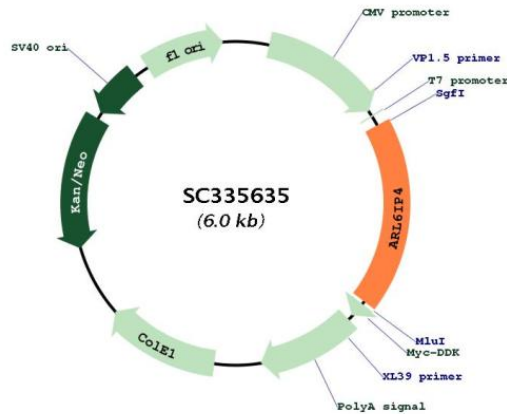
Product Type:	Expression Plasmids
Product Name:	ARL6IP4 (NM_001278378) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARL6IP4
Synonyms:	SFRS20; SR-25; SRp25; SRrp37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335635 representing NM_001278378. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCACGTTGCACGTATCAGCTGGAGCAGAATCCTGGCTTCTTCCGGATGGGCTGGGGTCCATGCC
CGCGCTCACTGCCAAGATCTTTCTGGCCCTACGGACACGAGTTTGCACCTCTGAGTCACTGGGTGGG
CGCGTCCGAAAGACCAGGGCGCCTCAGTCTGGAGCTCGCAGTCGTATGGAGAGGGCAGGACCAGCCGGG
GAGGAGGGCGGCGCGCGAGGGTGCCTTCTTCCAGGGCACCGGGGGCGTGGGTGCTCGGGCGTGC
GCCGAGAGGGCAGCCTTGAAGTGGGCGCAGCTTCGGCAGACACAGGCGTGAGGGGCTCGGAGCTCGA
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AAAGGCAGCGGCCCGCGCTTCCAGCCGCGCAGCTCCCGCGCAGCGCCCGGCCGGAAGCCTCCTCG
CCGCCGTTCTCTCGAGAAGGCGGGGGCGGGTGTCCGGCCCGCAGGGCGGTGAGCCCGCGGCC
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AGAAAGAAGAAGAGCAGGAAAGACACTCGAGGAAGTCTCGGCCTCCACATCCCAAGGTCGCAAGGCC
AGCACGGCCCCTGGGCGGAGGAGAGAAGCAAGCAGAAGGCCCGGAGGAGAACAAGATCCAGTCTCTCC
TCCTCTTCTTCCAGTCTTCTAGCTCCTTCTTCTCCTCCTCGTCTCCTCTTCTCCTCCAGTATGGC
CGAAGAAGCGGGGAAGTACAAGGACAAGAGGAGGAAGAAGAAGAAGAAGAGGAAGAAGCTGAAGAAG
AAGGGCAAGGAGAAGCGGAAGCACAGCAGAGCATCATCCGAAGGTGGTGGACCTGAGACGGGGCGC
ACCAGGCTTATTAAGGGAGATGGCGAGGTCTAGAGGAAATCGTAACCAAGAAGACACAGAGAGATC
AACAAAGCAAGCCACCCGAGGGGACTGCCTGGCCTTCCAGATGCGAGCTGGGTTGCTTCCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_001278378

**Insert Size:** 1098 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:** [NM\\_001278378.1](#)

**RefSeq Size:** 1489 bp

**RefSeq ORF:** 1098 bp

**Locus ID:** 51329

**UniProt ID:** [Q66PJ3](#)

**Cytogenetics:** 12q24.31

**MW:** 38.7 kDa

**Gene Summary:**

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]

Transcript Variant: This variant (5) has multiple differences in the coding region, compared to variant 1. The resulting isoform (5) lacks two internal segments, compared to isoform 1.