

## Product datasheet for **SC334613**

### ARL6IP4 (NM\_001278380) Human Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | ARL6IP4 (NM_001278380) 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:      | >NCBI ORF sequence for NM_001278380, the custom clone sequence may differ by one or more nucleotides |

```
ATGGCTCACGTCGGCTCCCGCAAGCGCTCGAGGAGTCGCAGCCGGTCCCGGGGACGGGGTTCGAAAAGA  
GAAAGAAGAAGAGCAGGAAAGACACCTCGAGGAAGTCTCGGCCTCCACATCCCAAGCCTCACCTTCTCC  
CTGCATCACAGAGAGAAGCAAGCAGAAGGCCCGGAGGAGAACAAGATCCAGCTCCTCCTCTTCTTCC  
AGTTCTTCTAGCTCCTCTTCTTCTCCTCGTCTCCTCCTCTTCTCCAGTGATGGCCGGAAGAAGCGGG  
GGAAGTACAAGGACAAGAGGAGGAAGAAGAAGAAGAGGAAGAAGCTGAAGAAGAAGGGCAAGGAGAA  
GGCGGAAGCACAGCAGGTGGAGGCTCTGCCGGGCCCTCGCTGGACCAGTGGCACCGATCAGCTGGGGAG  
GAAGAGGATGGCCAGTCTGACGGATGAGCAGAAGTCCCGAATCCAGGCCATGAAGCCCATGACCAAGG  
AGGAGTGGGATGCCCGCAGAGCATCATCCGCAAGGTGGTGGACCCTGAGACGGGGCGCACCAGGCTTAT  
TAAGGGAGATGGCGAGGTCTTAGAGGAAATCGTAACCAAAGAACGACACAGAGAGATCAACAAGCAAGCC  
ACCCGAGGGGACTGCCTGGCCTTCCAGATGCGAGCTGGGTTGCTTCCCTGA
```

|                    |  |
|--------------------|--|
| Restriction Sites: | Sgfl-MluI  |
| ACCN:              | NM_001278380   |
| 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).   |



[View online »](#)

**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\\_001278380.1](#), [NP\\_001265309.1](#)

**RefSeq Size:** 1766 bp

**RefSeq ORF:** 681 bp

**Locus ID:** 51329

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

**Cytogenetics:** 12q24.31

**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 (7) has two alternate splice sites, one of which results in a downstream start codon, compared to variant 1. The resulting isoform (7) has a shorter N-terminus and lacks an internal segment, compared to isoform 1.