

Product datasheet for SC317525

ARL6IP4 (NM_016638) Human Untagged Clone

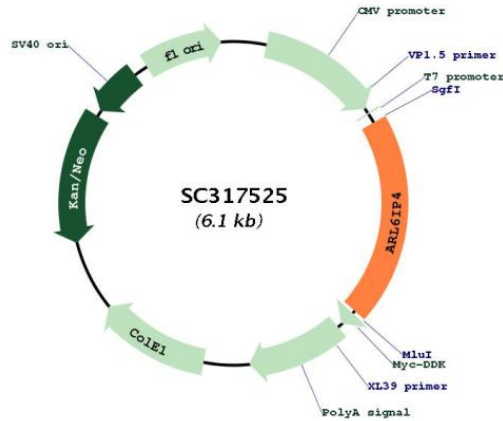
Product data:

Product Type:	Expression Plasmids
Product Name:	ARL6IP4 (NM_016638) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARL6IP4
Synonyms:	SFRS20; SR-25; SRp25; SRp37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317525 representing NM_016638. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCACGTTGCACGTATCAGCTGGAGCAGAATCCTGGCTTCCTCCGGATGGCCTGGGGTCCATGCC
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



Plasmid Map:


ACCN: NM_016638

Insert Size: 1209 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_016638.3](#)

RefSeq Size: 1600 bp

RefSeq ORF: 1209 bp

Locus ID: 51329

UniProt ID: [Q66PJ3](#)

Cytogenetics: 12q24.31

MW: 43.1 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 (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.