

Product datasheet for **SC300417**

ARL6IP4 (NM_001002251) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARL6IP4 (NM_001002251) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARL6IP4
Synonyms:	SFRS20; SR-25; SRp25; SRp37
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001002251, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGAGAGGGCAGGACCAGCCGGGAGGAGGGCGCGCGCGAGGGTCGCCTTCTTCCC AGGGCACCGGGGCGTGGGTGCTGCGGGCGTGCGCCGAGAGGGCAGCCTTGGAAGTGGGC GCAGCTTCGGCAGACACAGGCGTGAGGGGCTGCGGAGCTCGAGGGCCGGCGCCCTGCTT GCCTCTGCGGGAGGTGGGCGCGCCGGGACGGAACCTGGGGCGTCAGAACGAAAGGCAGC GGCGCCGCGCTTCCAGCCGGCCAGCCTCCCGCGCAGCGCCCCGGCCGGAAGCCTCTCG CCGCCGCTTCTCTCGAAGGGCGGGGCGGGCTGTCCGGCCCGCAGGGCGGTGAGGCC CGCGGCGCCATGGCTCACGTCGGCTCCCGCAAGCGCTCGAGGAGTCGAGCCGGTCCCGG GGACGGGGGTGCGAAAAGAGAAAGAAGAAGAGCAGGAAAGACACCTCGAGGAACTGCTCG GCCTCCACATCCCAAGGTCGCAAGGCCAGCACGGCCCCTGGGGCGGAGGAGAGAAGCAAG CAGAAGGCCCGGAGGAGAAAGATCCAGCTCCTCCTCTTCTTCCAGTTCTTCTAGC TCCTCTTCTTCTCCTCGTCCTCCTCTTCTTCCAGTGATGGCCGGAAGAAGCGGGGG AAGTACAAGGACAAGAGGAGGAAGAAGAAGAAGAAGAGGAAGAAGCTGAAGAAGAAGGC AAGGAGAAGGCCGAAGCACAGCAGGTGGAGGCTCTGCCGGGCCCTCGCTGGACCAAGTG CACCGATCAGCTGGGGAGGAAGAGGATGGCCAGTCTGACGGATGAGCAGAAGTCCCGA ATCCAGGCCATGAAGCCCATGACCAAGGAGGAGTGGGATGCCCGGCAGAGCATCATCCGC AAGGTGGTGGACCCTGAGACGGGGCGCACCAAGGCTTATTAAGGGAGATGGCGAGGTCTTA GAGGAAATCGTAACCAAAGAACGACACAGAGAGATCAACAAGCAAGCCACCCGAGGGGAC TGCTTGCCCTTCAGATGCGAGCTGGGTGCTTCCCTGA </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001002251
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).


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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:	<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:	<u>NM_001002251.1, NP_001002251.1</u>
RefSeq Size:	1354 bp
RefSeq ORF:	1059 bp
Locus ID:	51329
UniProt ID:	<u>Q66PJ3</u>
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 (3) has an alternate splice site in the coding region, but maintains the reading frame, compared to variant 1. The resulting isoform (3) lacks an internal segment, compared to isoform 1.</p>