

Product datasheet for **SC334275**

ARL6 (NM_001278293) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARL6 (NM_001278293) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARL6
Synonyms:	BBS3; RP55
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001278293, the custom clone sequence may differ by one or more nucleotides

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ATGGGATTGCTAGACAGACTTTTCAGTCTTGCTTGGCCTGAAGAAGAAGGAGGTTTCATGTTTTGTCCTTG
GGCTAGATAATAGTGGCAAACGACGATCATTAAACAACTTAAACCTTCAAATGCTCAATCTCAAAATAT
CCTTCCAACAATAGGATTCAGCATAGAGAAATCAAATCATCCAGTTTGCATTTACAGTGTGGACATG
TCAGGTCAAGGAAGATACAGAAATCTCTGGGAACACTATTATAAAGAAGGCCAAGCTATTATTTTGTCA
TTGATAGTAGTGATAGATTAAGAATGGTTGTGGCAAAGAAGAACTCGATACTCTTCTGAATCATCCAGA
TATTAACACCGTCGAATCCAATCTTATTCTTTGCAAATAAAATGGATCTTAGAGATGCAGTGACATCT
GTAAAAGTGTCTCAGTTGCTGTGTTAGAGAACATCAAAGATAAACCTGGCATATTTGTGCTAGTGATG
CCATAAAGGAGAAGGCTTGCAAGAAGGTGTAGACTGGCTTCAAGATCAGATCCAGACTGTGAAGACATG
A
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001278293
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:

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_001278293.1](#), [NP_001265222.1](#)

RefSeq Size: 1531 bp

RefSeq ORF: 561 bp

Locus ID: 84100

UniProt ID: [Q9H0F7](#)

Cytogenetics: 3q11.2

Gene Summary: The protein encoded by this gene belongs to the ARF-like (ADP ribosylation factor-like) sub-family of the ARF family of GTP-binding proteins which are involved in regulation of intracellular traffic. Mutations in this gene are associated with Bardet-Biedl syndrome (BBS). A vision-specific transcript, encoding long isoform BBS3L, has been described (PMID: 20333246). [provided by RefSeq, Apr 2016]

Transcript Variant: Variants 1, 2 and 3 encode the same isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.