

Product datasheet for **SC329555**

ARL2 (NM_001199745) Human Untagged Clone

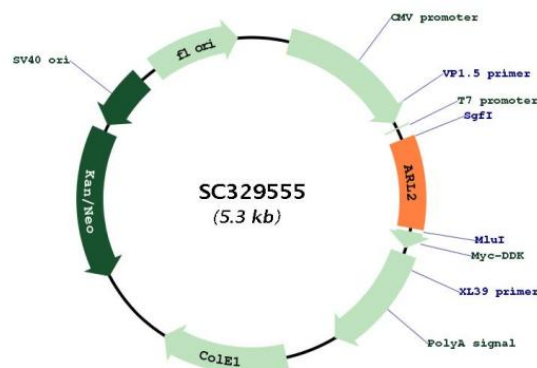
Product data:

Product Type:	Expression Plasmids
Product Name:	ARL2 (NM_001199745) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARL2
Synonyms:	ARFL2
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329555 representing NM_001199745. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGGCTCTGACCATTCTGAAGAAGATGAAGCAGAAAGAGCGGGAGCTGCGACTGCTCATGCTTGCC
CTGGACAATGCTGGAAAGACAACCATCTGAAGAAGTTCAATGGGGAGGACATCGACACCATCTCCCA
ACGCTGGGCTTCAACATCAAGACCCTGGAGCACCAGGATTCAAGCTGAACATCTGGGATGTGGGTGGC
CAGAAGTCCCTGCGGTCTACTGGCGGAAGTACTTTGAGAGCACCAGTGGCCTCATCTGGGTAGTGGAC
AGCGCAGACCGCCAGCGCATGCAGGACTGCCAGCGGGAGCTCCAGAGCCTGCTGGTGGAGGAGTCTG
GAGCTGGACTCCATCCGAGCCACCAGTGGTGCATCCAGGGCTGCAGCGCCGTCACCGGGGAGAACCTG
CTGCCGGGCATCGACTGGCTCCTGGATGACATTTCCAGCCGATTTTCACAGCTGACTGA
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Restriction Sites: SgfI-MluI

Plasmid Map:



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ACCN:	NM_001199745
Insert Size:	474 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:	<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:	NM_001199745.1
RefSeq Size:	912 bp
RefSeq ORF:	474 bp
Locus ID:	402
UniProt ID:	P36404
Cytogenetics:	11q13.1
MW:	18.1 kDa
Gene Summary:	<p>This gene encodes a small GTP-binding protein of the RAS superfamily which functions as an ADP-ribosylation factor (ARF). The encoded protein is one of a functionally distinct group of ARF-like genes. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1, resulting in an isoform (2) that is shorter than isoform 1.</p>