

Product datasheet for **RN202069**

Arl1 (NM_022385) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arl1 (NM_022385) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arl1
Synonyms:	MGC72836
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN202069 representing NM_022385 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTGGCTTTTCTCAAGTATATTTCCAGTCTCTTTGGAACCAAGGAAATGAGGATTTAATTTGG
GATTAGATGGTGTGGAAAAACGACAATTTGTACAGATTGCAGGTTGGAGAAGTTGTTACTACCATTC
CACTATTGGATTAATGTAGAGACGGTGACATACAAAAATCTCAAGTTCCAAGTTGGGACTTAGGCGGA
CAGACAAGTATCAGGCCATACTGGAGATGTTATTATTCAAACACAGATGCAGTCATCTATGTCGTTGACA
GTTGTGACCGAGACCGAATTGGCATTTCGAAGTCAGAGTTAGTTGCCATGTTGGAGGAAGAGGAGCTGAG
GAAAGCCATTTTAGTGGTGTTCGAAATAAACAGGACATGGAGCAGGCCATGACGCCCTCAGAAATGGCC
AATGCGCTTGGGTTACCGCCCTGAAGGACCGGAAGTGGCAGATCTTTAAACGTCAGCAACCAAGGCA
CCGGCCTCGACGAGGCAATGGAATGTTAGTTGAAACACTGAAAAGCAGACAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_022385
Insert Size:	546 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).


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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:	<u>NM_022385.3, NP_071780.1</u>
RefSeq Size:	893 bp
RefSeq ORF:	546 bp
Locus ID:	64187
UniProt ID:	<u>P61212</u>
Cytogenetics:	7q13
Gene Summary:	regulates the structure and function of the Golgi apparatus [RGD, Feb 2006]