

Product datasheet for MC212095

Arl1 (NM_025859) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arl1 (NM_025859) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arl1
Synonyms:	2310008D22Rik; AU019749
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212095 representing NM_025859 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGTGGCTTTTCTCAAGTATTTTTCCAGTCTCTTTGGAACAGAGAAATGAGGATTTAATTTTGG
 GATTAGATGGTGTGGAAAAACAACATTTGTACAGGTTACAGGTTGGAGAAGTTGTTACTACTATTCC
 CACTATTGGATTAATGTGGAGACGGTGACATACAAAAATCTCAAATCCAAGTTGGGACTTAGGAGGA
 CAGACAAGTATCAGGCCATACTGGAGATGTTATTATTCAAACACAGATGCAGTCATCTATGTCGTTGACA
 GTTGTGACCGAGATCGAATTGGCATTTCAGTCTGAGTTAGTTGCCATGTTGGAGGAAGAAGAGCTGAG
 AAAAGCCATTTTAGTGGTGTTCGAAATAAGCAGGACATGGAACAGGCCATGACACCCTCAGAAATGGCA
 AATGCTCTTGGTTACCTGCCCTGAAGGACCGGAAGTGGCAGATCTTTAAACTTCAGCAACCAAGGCA
 CTGGCCTTGATGAGGCAATGGAATGTTAGTTGAAACCCTGAAAAGCAGACAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_025859
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_025859.3 , NP_080135.2
RefSeq Size:	842 bp
RefSeq ORF:	546 bp
Locus ID:	104303
UniProt ID:	P61211
Cytogenetics:	10 C1
Gene Summary:	GTP-binding protein. Can activate phospholipase D with very low efficiency. Important for normal function of the Golgi apparatus (By similarity).[UniProtKB/Swiss-Prot Function]