

Product datasheet for **MC210807**

Arv1 (NM_026855) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Arv1 (NM_026855) Mouse Untagged Clone
Tag: Tag Free
Symbol: Arv1
Synonyms: 1110067L22Rik; AI461928; AW121084
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210807 representing NM_026855
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGACCGCGGGCGTAGGGGGACGCGGTCCGGAAAGGCACGGAAGGCGCAGCGGGACTTCTTCTCT
CTTGCCTGTATCGTTGTATCGAGTGCAACCGAGAGGCTCAGGAGCTGTACCGGGACTACAGCCACGGCGT
GCTCAAGATAACCATCTGCAAATCCTGCCAGAAACAGTAGACAATACATCGAATACGACCTGTTATT
ATCTTGATTAATGCCATTTTATGCAAACTCAGGCCTACAGGCATATTCTTTCAACACTAAAATAAATA
TCCATGGGAAACTCTGCATGTTTTGTTTCTTTGTTGCTTTGTAAGCATACCTGCGGTGGTGGCAGCTGCAGGACTC
GAGCCAGAGTCCAGCCCCGATGACGTGATCCGGTACGCCAAGGAGTGGGACTTCTACAGGATGTTTGTG
ATCGCTTCTTTGAAACAAGCTGCCTTTCTACTGGCATAATTTGCTTCTGTGGGTACAGCAACCCATGA
CAGCAAAAGAGCACCCGACTTTGTTCTGCTGCTGAAAGCACTGTTGCTGCCAGCTACGGGAAGCTCCT
GCTAATCCCGCCGTCATCTGGGAACATGACTACACACCTCTGTGTCTCAGGCTCATTAAAGTGTGTTGTC
CTGACCTCAAATTTCCAGGCAGTCAGAGTGACCCTGAACACAAACCGAGGCTCTCCCTGTTGGTCTGTC
TAAGTGGCTTACTGCTGGAGAGCATTGTGGTCTTCTTCTCCAGAGGATGGAGTGGGATGTGAGCAGTGA
CTGTGCGCTCTACAAGTCTCAGGACTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_026855
Insert Size: 801 bp



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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_026855.4 , NP_081131.1
RefSeq Size:	1165 bp
RefSeq ORF:	801 bp
Locus ID:	68865
UniProt ID:	Q9D0U9
Cytogenetics:	8 E2
Gene Summary:	Plays a role as a mediator in the endoplasmic reticulum (ER) cholesterol and bile acid homeostasis (PubMed:20663892). Participates in sterol transport out of the ER and distribution into plasma membranes (PubMed:20663892).[UniProtKB/Swiss-Prot Function]