

Product datasheet for MC201644

Arl8a (NM_026823) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arl8a (NM_026823) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arl8a
Synonyms:	1110033P22Rik; Arl10b; gie2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC018479 sequence for NM_026823
 GCGTCGTCGGCCCGCGCTCCAGCCTCCGCCCGACCCGAGCCGCGGGACCCGGCCGACCCGGGGAGGGG
 CCGCTCCGGGCCGAGCGGAGGGCACCAGGCGCGGGACCCGGCACCAGGGCCGGCCGGTGGCAGC
 GACCATGATCGCTTTGTTCAACAAGCTGCTGGACTGGTTCAAGGCCCTGTTCTGGAAGGAGGAAATGGAG
 CTCACGCTGGTGGGGCTGCACTACTCGGCAAGACCACCTTCGTCAACGTGATCGCGTCAGGACAGTTCA
 ATGAGGACATGATCCCCACTGTGGGTTTCAACATGCGAAAAATCACCAAAGGGAATGTGACCATCAAGCT
 CTGGGACATTGGGGGGCAGCCCCGTTTCCGAAGCATGTGGGAACGCTACTGCAGAGGAGTGAGCGCCATT
 GTGTATATGGTGGATGCTGCGGATCAGGAGAAGATCGAGGCCCTCAAGAATGAGCTCCACAACCTGCTAG
 ACAAGCCACAGCTACAAGGCATCCCGTCTTAGTCTTGGTAACAAGCGAGACCTCGCCGGAGCGCTAGA
 TGAGAAGGAGCTAATCGAGAAAAATGAACCTGTCTGCTATCCAGGACCGAGAGATCTGCTGCTACTCCATA
 TCCTGCAAAGAGAAGACAACATAGACATCACCTACAGTGGCTTATTCAACACTCAAAGTCACGGAGAA
 GCTGAGACTGTGGCTCTTCTTCTGACTAGGACCACAGTACCTAACCTGAAGCCGAGCTCCCCGCCAC
 CCTGTTGTCTCTCCCTAAGCCACTCCTCCTACCCAGTGTGGGAGGGCCCTCTGGGGCTCCTAGAGCC
 CTATTCTGCTGAGGTTTCAACTCCTGTTTTATTGTAATAAATTGCCCTCTCCCAAGTCTGGTCCCT
 AACCTCTCTCCCTTGCTCTTTTTCCCTTACAGTACCCACTCCCTCCCTGTCAACAGCCCTGGCCCC
 GCAAGCCCTCTCCTCACTCTGCCCCACCCTCCTTCCCTTTCAACTCTGTTATTGTCTGTGTG
 TACAGTATATATATGATATATATTTAATTTTTAATTTAAGCAAAGACTAAGATCAACCATTTGATGC
 TGCAGGGGCCAATCGGGACCTGGGAGGGGCAAACTGAAAGGCAGAGAGAGATGCAGGGTCGATGTGGG
 CAAGTTCAATGCAGAAGAGGGGAGACTGCCACATAGGGCAGTGGTTGTCCCATGTCTGTAAGTATC
 TCTGTCTCCAGTGGAGACCTGAATTTGAAGGCCAGCAGGAGCCTCCTTTCTGTCCCCAGCCTTGATA
 GGGCCACCAGGTACAACCAGGTCTAAGTGGGAGGACCAGGGTCCATGTCGTCCCAGCAACCCCCACTGTC
 ACTGTTCTGGCCCCAGGTCTGCCCTACCCAGGGTCCCACTCCACGGCCCATCTATTTTCTGTTT
 TCATTTACAGAGTTGTACAAGGAGAGAACTCAGCATGGGAGGGTGGTTCTTTGGTTTTGTTTGT
 TTGTTTGTGTTAATTTAATAATTTGTAAGTGTGTTCTCTTCTTTTACAGTTTTCAGCTCATA
 TTTAACCTCTGTTGGAAAACGATCCTTGAACGTACATTTTTTTTTTTGCTCCTAATAATGACAAC
 AATAAATTACCAATTTGTGTTGAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_026823
Insert Size:	561 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:	BC018479 , AAH18479
RefSeq Size:	1717 bp
RefSeq ORF:	561 bp
Locus ID:	68724
UniProt ID:	Q8VEH3
Cytogenetics:	1 E4
Gene Summary:	Plays a role in lysosomes motility (PubMed:30174114). In neurons, mediates the anterograde axonal long-range transport of presynaptic lysosome-related vesicles required for presynaptic biogenesis and synaptic function (PubMed:30174114). May play a role in chromosome segregation (By similarity).[UniProtKB/Swiss-Prot Function]