OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC218543

Arr3 (BC017145) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arr3 (BC017145) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arr3
Synonyms:	mCAR, mCARFL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC017145 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCCACAGTGTTTAAGAAGACTAGCTCCAATGGGAAGTTTTCCATCTACCTGGGGAAACGAGACTTCG TGGATGATGTGGACACTGTGGAGCCCATTGATGGAGTCGTCCTTGTTGACCCCGAGTACTTAGAAGGTCG AAAGTTGTTTGTCAGGTTGACCTGTGCTTTTCGCTATGGCCGTGATGACTTGGATGTGATTGGTCTGACA TTTCGCAAAGATCTCTATGTACAAACCAAGCAAGTGGCTCCAGCTGAACCCACCAGCATCCAGGGCCCCC TCACAGCCTTACAGGAGCGGCTTCTGCACAAGCTCGGGGTCAATGCCTATCCTTTTACACTTCAGATGGT TGCTAACCTGCCCTGTTCAGTAACACTGCAGCCTGGGCCTGAAGATTCAGGAAAGCCCTGTGGGGTTGAC TTTGAAGTGAAGAGTTTCTGTGCAGAAAATCTGGAAGAGAAAATCCCTAAGAGTGATTCTGTGCAGCTGG TTGTACGGAAAGTGCAGTTTTCAGCCCTGGAACCCGGCCCTGGTCCTTCGGCACAGACCATTCGAAGCTT CTTTTTGTCATCTCAGCCCCTACAACTGCAGGCCTGGATGGACAGGGAGGTTCATTACCATGGAGAAGCT ATTTCTGTACATGTTTCTATCAACAACTATACCAACAAGGTCATCAGAAGAATCAAGATTGCAGTTGTCC AGACCACAGATGTTGTCCTGTATTCACTAGACAAGTACACGAAGACTGTGTTTGTTCAGGAGTTCACGTG A ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	BC017145
Insert Size:	771 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:	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:	BC017145, AAH17145
RefSeq Size:	1706 bp
RefSeq ORF:	770 bp
Locus ID:	170735
Cytogenetics:	X C3
Gene Summary:	May play a role in an as yet undefined retina-specific signal transduction. Could binds to photoactivated-phosphorylated red/green opsins.[UniProtKB/Swiss-Prot Function]

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