

Product datasheet for **SC122676**

Arrestin C (ARR3) (NM_004312) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arrestin C (ARR3) (NM_004312) Human Untagged Clone
Tag:	Tag Free
Symbol:	Arrestin C
Synonyms:	ARRX; cArr; MYP26
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004312 edited
AAGAGGCTGGGGAGGCAGGCATAGCAACCAGAGCTGGAGACTGATGTGAACCTCATCTCT
CTCCCCAGAAAAGGCTCAACATCAACTATATAGCCAACATGTCCAAGGTGTTAAGAAGA
CCAGCTCCAATGGGAAGCTCTCCATCTACCTGGGAAACGGGACTTCGTGGACCATGTGG
ACACGGTGAACCCATTGACGGTGTTCCTGGTTGATCCTGAGTACTTTAAATGTCGAA
AGTTGTTTGTGATGTTGACATGTGCCTTTTCGCTATGGCCGTGATGACTTGGAAAGTATTG
GTCTGACGTTCCGAAAAGATCTGTATGTGCAGACCCTGCAAGTGGTCCCAGCTGAATCCA
GCAGCCCTCAGGGGCCCTCACAGTCTACAGGAGCGACTACTGCACAAGCTAGGGGACA
ATGCCTACCCCTTACCCTGCAGATGGTGACCAACCTGCCCTGTTCTGTGACACTGCAGC
CAGGTCCTGAAGATGCAGAAAAGCCCTGTGGGATTGACTTTGAAGTGAAGAGTTTCTGTG
CTGAAAACCCAGAGGAGACAGTCTCCAAGAGAGACTATGTGCGGCTGGTTGTCCGAAAAG
TACAATTTGCACCACCGGAGGCAGGCCCTGGCCCTCAGCCAGACCATCCGCCGCTTCC
TTCTGTGACGTCAGCCCTACAACCTCCAGGCCTGGATGGACAGGGAGGTTCACTACCACG
GAGAACCCTCTCTGTCAATGTTTCTATCAACAACCTGCACCAACAAGGTCATCAAAAAA
TCAAGATTTCAAGTTCAGGAGATCACAGATGTTGTCCTGTATTCACTAGACAAGTACACCA
AGACTGTGTTCAATCAGGAATTCACGGAGACTGTAGCTGCTAATCCAGCTTCTCCCAGA
GCTTTGCAGTAACCCCAATCCTGGCTGCCAGCTGCCAGAAACGGGGCCTGGCACTGGATG
GCAAACTAAGCATGAAGATACCAACCTGGCCTTAGCACAATTATTAGACCGGGAATGG
ACAAAGAGCTGCTGGGGATCCTGGTGTCTTACAAAGTCAAGTCAACCTGATGGTGTCT
GTGGTGGCATCCTAGGAGACCTGACAGCCAGCGATGTTGGTGTGGAGCTACCCTTGGTCC
TGATCCATCCGAAGCCATCTCATGAGGCCGCTAGGTAATGGAATACAAGATTGGGAAGCC
CCATTCCTCTTCCCATTCCACCCTCCATGTTATGACGATAGAAATGTAAAAATGCTT
CCTGGGGTGCTTTCAATACATGTGCAAGTGAACATAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_004312 unedited NNNAAGTCCGGTACAGATATTTGTAAACNACTCACTATAGGCGGCCGCGNAATTCGCACG AGGAAGAGCTGGGGAGGCAGGCATAGCAACCAGAGCTGGAGACTGATGTGAACTTCATCT CTCTCCCCAGAAAAGGCTCAACATCAACTATATAGCCAACATGTCCAAGGTGTTTAAAGAA GACCAGCTCCAATGGGAAGCTCTCCATCTACCTGGGAAACGGGACTTCGTGGACCATGT GGACACGGTGGAAACCCATTGACGGTGTTGTCCTGGTTGATCCTGAGTACTTTAAATGTCG AAAGTTGTTTGCATGTTGACATGTGCCTTTCGCTATGGCCGTGATGACTTGGAAAGTGAT TGGTCTGACGTTCCGAAAAGATCTGTATGTGCAGACCCTGCAAGTGGTCCCAGCTGAATC CAGCAGCCCTCAGGGGCCCTCACAGTCTACAGGAGCGACTACTGCACAAGCTAGGGGA CAATGCCTACCCCTTTACCCTGCAGATGGTGACCAACCTGCCCTGTTCTGTGACTGCA GCCAGGTCCTGAAGATGCAGGAAAGCCCTGTGGGATTGACTTTGAAGTGAAGAGTTTCTG TGCTGAAAACCCAGAGGAGACAGTCTCCAAGAGAGACTATGTGCGGCTGGTTGTCCGGAA AGTACAATTTGCACCACCGGAGGCAGGCCCTGGCCCTCAGCCCAGACCATCCGCCGCTT CCTTCTGTGAGCTCAGCCCTACAACCTCCAGGCCTGGATGGACAGGGAGTTCACTACCA CGGAGGACCCATCTGTCAATGTTTCTATCAACAACCTGCCCCACCAGGTCATCAAAAA AATCAGGATTTGTTGAACAGATCACAGATGTTGGTCCTGTTTTACA
Restriction Sites:	Please inquire
ACCN:	NM_004312
Insert Size:	1316 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:	NM_004312.1 , NP_004303.1
RefSeq Size:	1314 bp
RefSeq ORF:	1167 bp
Locus ID:	407
UniProt ID:	P36575
Cytogenetics:	Xq13.1
Protein Families:	Druggable Genome

Gene Summary:

The protein encoded by this gene is a non-visual arrestin which binds to agonist-activated, phosphorylated G protein-coupled receptors. This binding uncouples the receptor from the heterotrimeric G protein, resulting in termination of the G protein-coupled receptor signaling. The encoded protein also is a part of the centrosome, interacting with gamma-tubulin to help regulate proper centrosome function. [provided by RefSeq, May 2016]