

## Product datasheet for RC208809

### ARRDC3 (NM\_020801) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ARRDC3 (NM_020801) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ARRDC3
Synonyms:	TLIMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC208809 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTGCTGGAAAGGTGAAGAGTTTGACAATAAGCTTTGACTGTCTTAATGACAGCAATGTCCTGTGT  
ATTCTAGTGGGGATACCGTCTCAGGAAGGGTAAATTTAGAAGTTACTGGGGAAATCAGAGTAAAATCTCT  
TAAAATTCATGCAAGAGGACATGCGAAAGTACGCTGGACTGAATCTAGAAACGCCGGCTCCAATACTGCC  
TATACACAGAATTACACTGAAGAAGTAGAGTATTTCAACCATAAAGACATCTTAATTGGGCACGAAAGAG  
ATGATGATAATCCGAAGAAGGCTTCCACACTATTCATTAGGAAGGCATGAATATGCATTCAGCTTCGA  
GCTTCCACAGACACCACTCGCTACCTCATTTCGAAGGCCGACATGGCAGTGTGCGCTATTGGGTGAAAGCC  
GAATTGCACAGGCCTTGGCTACTACCAAGTAAAATTAAGAAGGAATTTACAGTCTTTGAGCATATAGATA  
TCAACTCTCTTACTGTCACCCCAAGCAGGCACAAAAGAAAAGACACTCTGTTGCTGGTTCTGTAC  
CTCAGGCCCAATATCCTTAAGTGCCAAAATTGAAAGGAAGGGCTATACCCAGGTGAATCAATTCAGATA  
TTTGCTGAGATTGAGAACTGCTCTTCCGAATGGTGGTGCACAAAGGCAGCCATTTACCAACACAGGCCT  
TCTATGCCAAAGGGAAAATGAAGGAAGTAAAACAGCTTGTGGCTAACTTGGTGGGAATCCTTATCATC  
TGGAAAGACAGAGACGTGGAATGGCAAGTTGCTGAAAATCCACCAGTTTCTCCCTCTATCCTCGACTGT  
AGTATAATCCGCGTGGAATATTCATAATGGTATATGTGGATATTCCTGGAGCTATGGATTATTTCTTA  
ATTTGCCACTTGTATCGGTACCAATTCCTCTACATCCATTTGGTAGCAGAACCTCAAGTGTAAAGCAGTCA  
GTGTAGCATGAATATGAACTGGCTCAGTTTATCACTTCTGAAAGACCTGAAGCACCACCAGCTATGCA  
GAAGTGGTAAACAGAGGAACAAAGCGGAACAATCTGCACCAGTGAGTGTGTTGTGATGACTTTGAGAGAG  
CCCTTCAAGGACCACTGTTTGCATATATCCAGGAGTTTCGATTCTTGCCTCCACCTCTTTATTCAGAGAT  
TGATCAAATCCTGATCAGTCAGCAGATGATAGACCATCTGCCCTCTCGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC208809 protein sequence  
Red=Cloning site Green=Tags(s)

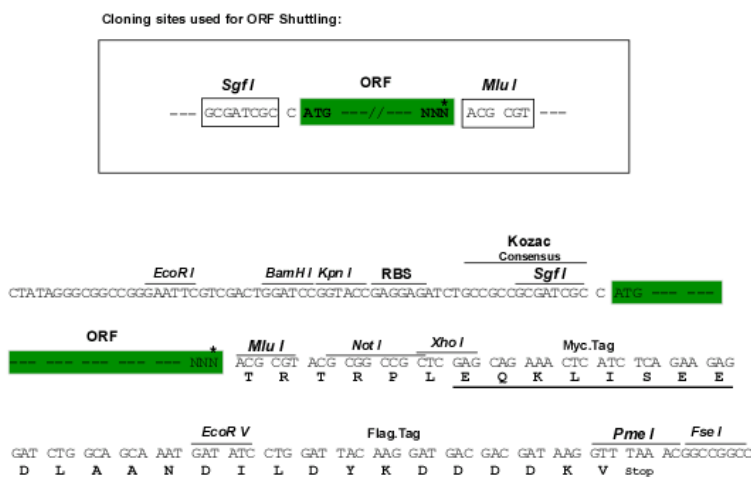
MVLGKVKSLTISFDCLNDSNVPVYSSGDTVSGRVNLEVTGEIRVKSLKIHARGHAKVWRWTESRNAGSNTA  
 YTQNYTEEVEYFNHKDILIGHERRDDNSEEFGHTIHSGRHEYAFSELPQTPLATSFEGRHGSRVRYWKA  
 ELHRPWLLPVKLLKKEFTVFEHIDINTPSLLSPQAGTKEKTLCCWFCTSGPISLSAKIERKGYTPGESIQI  
 FAEIENCSSRMVVPKAAIYQTQAFYAKGKMKVQQLVANLRGESLSSGKTETWNGKLLKIPPVSPSILDC  
 SIIIRVEYSLMVYVDIPGAMDLFNLPLVIGTIPLHPFGSRTSSVSSQCSMMNWLSSLPERPEAPPSYA  
 EVVTEEQRRNLLAPVSACDDFERALQGPLFAYIQEFRFLPPPLYSEIDPNPDQSADDRPSCPSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6526\\_f11.zip](https://cdn.origene.com/chromatograms/mk6526_f11.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_020801

**ORF Size:** 1242 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [NM\\_020801.4](#)

**RefSeq Size:** 4178 bp

**RefSeq ORF:** 1245 bp

**Locus ID:** 57561

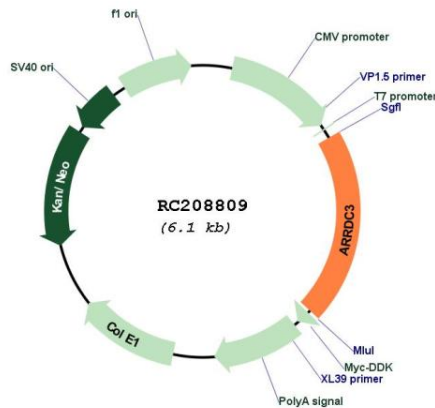
**UniProt ID:** [Q96B67](#)

**Cytogenetics:** 5q14.3

**MW:** 46.4 kDa

**Gene Summary:** This gene encodes a member of the arrestin family of proteins, which regulate G protein-mediated signaling. The encoded protein is thought to act as a regulator of breast cancer growth and progression by binding to a phosphorylated form of integrin beta4, a tumor-related antigen, targeting the integrin for internalization and degradation. [provided by RefSeq, Jul 2016]

**Product images:**



Circular map for RC208809