

Product datasheet for **RG208809**

ARRDC3 (NM_020801) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARRDC3 (NM_020801) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ARRDC3
Synonyms:	TLIMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208809 representing NM_020801 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGTGCTGGGAAAGGTGAAGAGTTTGACAATAAGCTTTGACTGTCTTAATGACAGCAATGTCCTGTGT
 ATTCTAGTGGGGATACCGTCTCAGGAAGGGTAAATTTAGAAGTTACTGGGGAAATCAGAGTAAAATCTCT
 TAAATTCATGCAAGAGGACATGCGAAAGTACGCTGGACTGAATCTAGAAACGCCGGCTCCAATACTGCC
 TATACACAGAATTACACTGAAGAAGTAGAGTATTTCAACCATAAAGACATCTTAATTGGGCACGAAAGAG
 ATGATGATAATCCGAAGAAGGCTTCCACACTATTCATTGAGGAAGGCATGAATATGCATTCAGCTTCGA
 GCTTCCACAGACACCACTCGCTACCTCATTGCAAGGCCGACATGGCAGTGTGCGCTATTGGGTGAAAGCC
 GAATTGCACAGGCCTTGGCTACTACCACTAAAATTAAGAAGGAATTTACAGTCTTTGAGCATATAGATA
 TCAACACTCCTTCATTACTGTCAACCCCAAGCAGGCACAAAAGAAAAGACACTCTGTTGCTGGTTCTGTAC
 CTCAGGCCCAATATCCTTAAGTGCCAAAATTGAAAGGAAGGGCTATACCCAGGTGAATCAATTCAGATA
 TTTGCTGAGATTGAGAACTGCTCTTCCGAATGGTGGTGCCAAAGGCAGCCATTTACCAACACAGGCCT
 TCTATGCCAAAGGGAATGAAGGAAGTAAACAGCTTGTGGCTAACTTGGTGGGAATCCTTATCATC
 TGGAAAGACAGAGACGTGGAATGGCAAGTTGCTGAAAATTCACCAGTTTCTCCCTCTATCCTCGACTGT
 AGTATAATCCGCGTGGAATATTCATAATGGTATATGTGGATATTCCTGGAGCTATGGATTATTTCTTA
 ATTTGCCACTTGTATCGGTACCATTCCTCTACATCCATTTGGTAGCAGAACCTCAAGTGTAAAGCAGTCA
 GTGTAGCATGAATATGAAGTGGCTCAGTTTATCACTTCTGAAAGACCTGAAGCACCACCCAGCTATGCA
 GAAGTGGTAACAGAGGAACAAAGCGGAACAATCTTGACCAGTGAGTGCTTGTGATGACTTTGAGAGAG
 CCCTTCAAGGACCACTGTTTGCATATATCCAGGAGTTTCGATTCTTGCCTCCACCTCTTTATTGAGAGAT
 TGATCCAAATCCTGATCAGTCAGCAGATGATAGACCATCTGCCCTCTCGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG208809 representing NM_020801
 Red=Cloning site Green=Tags(s)

MVLGKVKSLTISFDCLNDSNPVYSSGDTVSGRVNLEVTGEIRVKSLKIHARGHAKVRWTESRNAGSNTA
 YTQNYTEEVEYFNHKDILIGHERRDDNSEEFGHTIHSGRHEYAFSELPQTPLATSFEGRHGSVRYWVKA
 ELHRPWLLPVKLKKEFTVFEHIDINTPSLLSPQAGTKEKTLCCWFCTSGPISLSAKIERKGYTPGESIQI
 FAEIENCSSRMVVPKAAIYQTQAFYAKGKMKEVKQLVANLRGESLSSGKTETWNGKLLKIPVSPSILDC
 SIIRVEYSLMVYVDIPGAMDLFNLPLVIGTIPLHPFGSRTSSVSSQCSMNMNWLSSLPERPEAPPSYA
 EVVTEEQRRNNLAPVSACDDFERALQGPLFAYIQEFRFLPPPLYSEIDPNPDQSADDRPSCPSR

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_020801.4](#)

RefSeq Size: 4146 bp

RefSeq ORF: 1245 bp

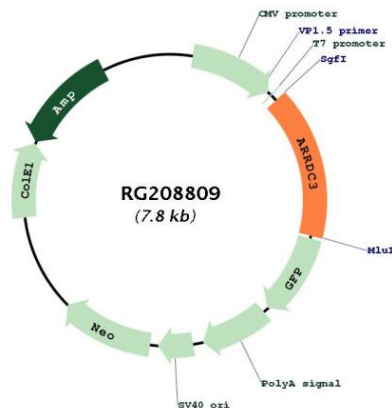
Locus ID: 57561

UniProt ID: [Q96B67](#)

Cytogenetics: 5q14.3

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 RG208809