

## Product datasheet for **SC107384**

### ARRDC3 (NM\_020801) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | ARRDC3 (NM_020801) Human Untagged Clone   |
| Tag:                      | Tag Free  |
| Symbol:                   | ARRDC3  |
| Synonyms:                 | TLIMP   |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u>pCMV6-XL4</u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >OriGene ORF within SC107384 sequence for NM_020801 edited (data generated by NextGen Sequencing) |

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ATGGTGTGGGAAAGGTGAAGAGTTTGACAATAAGCTTTGACTGTCTTAATGACAGCAAT
GTCCCTGTGTATTCTAGTGGGATACCGTCTCAGGAAGGGTAAATTTAGAAGTTACTGGG
GAAATCAGAGTAAATCTCTTAAAATTCATGCAAGAGGACATGCGAAAAGTACGCTGGACT
GAATCTAGAAACGCCGGCTCCAATACTGCCTATACACAGAATTACACTGAAGAAGTAGAG
TATTTCAACCATAAAGACATCTTAATTGGGCACGAAAGAGATGATGATAATCCGAAGAA
GGCTTCCACACTATTCATTGAGGAGGCATGAATATGCATTGAGCTTCGAGCTTCCACAG
ACACCACTCGCTACCTCATTGAAAGGCCGACATGGCAGTGTGCGCTATTGGGTGAAAGCC
GAATTGCACAGGCCTTGGCTACTACCAGTAAAATTAAGAAGGAATTTACAGTCTTTGAG
CATATAGATATCAACACTCCTTCATTACTGTACCCCAAGCAGGCACAAAAGAAAAGACA
CTCTGTTGCTGGTTCTGTACCTCAGGCCAATATCCTTAAGTGCCAAAATGAAAGGAAG
GGCTATACCCAGGTGAATCAATTCAGATATTTGCTGAGATTGAGAACTGCTCTTCCCGA
ATGGTGGTGCCAAAGGCAGCCATTTACCAAACACAGGCCTTCTATGCCAAAGGGAAAATG
AAGGAAGTAAAACAGCTTGTGGCTAACTTGCCTGGGGAATCCTTATCATCTGGAAAGACA
GAGACGTGGAATGGCAAGTTGCTGAAAATTCACCAGTTTCTCCCTCTATCCTCGACTGT
AGTATAATCCGCGTGAATATTCCTAATGGTATATGTGGATATCCTGGAGCTATGGAT
TTATTTCTTAATTTGCCACTTGTATCGGTACCATTCTCTACATCCATTTGGTAGCAGA
ACCTCAAGTGTAAGCAGTCAGTGTAGCATGAATATGAAGTGGCTCAGTTTATCACTTCT
GAAAGACCTGAAGCACCCACCCAGCTATGCAGAAGTGGTAACAGAGGAACAAAGGCCGAAC
AATCTTGACCAAGTGAAGTCTTGTGATGACTTTGAGAGAGCCCTTCAAGGACCACTGTTT
GCATATATCCAGGAGTTTCGATTCTTGCCTCCACCTCTTTATTCAGAGATTGATCCAAAT
CCTGATCAGTCAGCAGATGATAGACCATCCTGCCCTCTCGTTGA

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Clone variation with respect to NM\_020801.2



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|                                     |  |
|-------------------------------------|--|
| <b>5' Read Nucleotide Sequence:</b> | >OriGene 5' read for NM_020801 unedited<br>ACTATAGGGGCGGCCGGAATTCGCACGAGGGACCACTGAGACGAGCGGGAGCGCGNGAC<br>AGCAGCCTCTGCTGCCCTGACTTTTTAAGAAATCTCAATGAACTATTTGTAGAGAATCAC<br>TGATCCGGCCTGCAAGCATTTTGACACGGCAAAAATATCGATCAGTGTTAAGTGAAGATCA<br>CATTTTATATGCGATCTTGACTTTTTGTCTTACATTATTTTTATAGATTTTGTATA<br>AACATGGTGTGGGAAAGTGAAGAGTTTGACAATAAGCTTTGACTGTCTTAATGACAGC<br>AATGTCCCTGTATTCTAGTGGGGATACCGTCTCAGGAAGGGTAAATTTAGAAGTTACT<br>GGGAAATCAGAGTAAAATCTCTTAAAATTCATGCAAGAGGACATGCGAAAGTACGCTGG<br>ACTGAATCTAGAAACGCCGGCTCCAATACTGCCTATACACAGAATTACACTGAAGAAGTA<br>GAGTATTTCAACCATAAAGACATCTTAATTGGGCACGAAAGAGATGATGATAATTCGGAA<br>GAAGGCTTCCACACTATTCATTAGGAAGGCATGAATATGCATTAGCTTCGAGCTTCCA<br>CAGACACCACTCGCTACCTCATTGAAAGCCGACATGGCAGTGTGCGCTATTGGGTGAAA<br>GCCGAATGCACAGGCCTGGCTACTACAGTAAAATTAAGAAGGAATNTACAGTCTTT<br>GAGCATATAGATATCAACACTCCTTCACTACTGCACCCCAAGCAGGCACAAAAGAAAGA<br>CACTCTGTGCTGGGTCTGTACCTCAGCCCATATCCCTTACTGCCANAATGAAGGAAGGN<br>CTATACCCAGGTGATCATTGAGAATTGCTGAGATGAC |
| <b>Restriction Sites:</b>           | NotI-NotI  |
| <b>ACCN:</b>                        | NM_020801  |
| <b>Insert Size:</b>                 | 4000 bp  |
| <b>OTI Disclaimer:</b>              | 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).   |
| <b>Components:</b>                  | 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).   |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>  |
| <b>RefSeq:</b>                      | <a href="#">NM_020801.1</a> , <a href="#">NP_065852.1</a>  |
| <b>RefSeq Size:</b>                 | 4146 bp  |
| <b>RefSeq ORF:</b>                  | 1245 bp  |
| <b>Locus ID:</b>                    | 57561  |
| <b>UniProt ID:</b>                  | <a href="#">Q96B67</a>   |
| <b>Cytogenetics:</b>                | 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]