

## Product datasheet for **SC200566**

### ARD1A (NAA10) (NM\_003491) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ARD1A (NAA10) (NM\_003491) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NAA10  
**Synonyms:** ARD1; ARD1A; ARD1P; DXS707; hARD1; MCOPS1; NATD; OGDNS; TE2  
**ACCN:** NM\_003491  
**Insert Size:** 792 bp  
**Insert Sequence:** >SC200566 3'UTR clone of NM\_003491  
The sequence shown below is from the reference sequence of NM\_003491. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCTCAGAGGCCCTCCGACTCAGCCTCCTAGAGCCTGCCCATCCCCTCCTACCCCCAGAGCTTTTACA
ATAAATTCGCTCCGTGGCACTGGGGAACCTTTGTGTGTGAGCGCGGCACATTTAGAGGGTGTGTTTCTC
CAGGTCCTCTGGTGGGATGTGAGCCTTTGGCCTTTTGACCCAGAGCATCCTGCCAGGCCCGAGTACAAG
GAAAGAGCTTTGGAGGTGGGACTCCCTAGTCTCATGACCTTCAGCAGCTGTGGCCCCGGGAAGGAGGC
CCTGGACTTATGGGAGAGACCCTGCCTTGGAGGTCTGCTTGGCCACGCTGAATGTGTTTTGTGGCACAA
GCCGGGGCTGCTCAGGCTCAAAGCTCAACAGCAGGGCTCCCACTCTTGGTGGCCTTCAGTTCTCTTCCC
ACCTTCACCTTCAGACTTTCTCTCCCTAATCACACCTGCTTCGGGCTACAGCAGCTCCCCAGCATACCC
GTGGGCTCCAGATGTGGACATCCAAGTCTCATTGGGCTTATCTACAAATGTCCTGTCTGAGTAATGAC
CCAGCCAGATGCCCCATCAACAGTCTTGGTCTCCCTCCCTGCCACCCTAATGGTCAAGTCAAGTCCA
TGATACCTCTTGGTCTACTCCCTAACCTGAGTTTGCATTTGAAAATAATTTATTTTATGTAACAATTCC
CCGCGTTTCCCCATTGACATTTGTATTAGTTGGTGTATTGTTATTGTTGATGCCCAATACTGATAA
GTTATTGTAAACTACAGCCCATGGTTTACAGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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|                    |  |
|--------------------|--|
| <b>Components:</b> | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.   |
| <b>RefSeq:</b>     | <a href="#">NM_003491.4</a>  |
| <b>Summary:</b>    | N-alpha-acetylation is among the most common post-translational protein modifications in eukaryotic cells. This process involves the transfer of an acetyl group from acetyl-coenzyme A to the alpha-amino group on a nascent polypeptide and is essential for normal cell function. This gene encodes an N-terminal acetyltransferase that functions as the catalytic subunit of the major amino-terminal acetyltransferase A complex. Mutations in this gene are the cause of Ogden syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2012] |
| <b>Locus ID:</b>   | 8260   |
| <b>MW:</b>         | 29.2   |