

## Product datasheet for **SC213229**

### ARF1 (NM\_001658) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ARF1 (NM\_001658) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ARF1  
**Synonyms:** PVNH8  
**ACCN:** NM\_001658  
**Insert Size:** 1229 bp  
**Insert Sequence:** >SC213229 3'UTR clone of NM\_001658

The sequence shown below is from the reference sequence of NM\_001658. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGTCCAATCAGCTCCGGAACCAGAAGTGAACGCGACCCCCCTCCCTCTCACTCCTCTTGCCCTCTGCT
TTACTCTCATGTGGCAAACGTGCGGCTCGTGGTGTGAGTGCCAGAAGCTGCCTCCGTGGTTGGTCACC
GTGTGCATCGCACCGTGCTGTAATGTGGCAGACGAGCCTCGCGCCAGGCTTTTTATTTAATGTAAT
AGTTTTGTTCGAATGAGGCACTTTCTGGTACTCCTATGCAATATTACTCAGCTTTTTTTATTGTAATA
AAGAAAAATCAACTACTGTTCACTGCTGAGAGGGGATGTAGGCCATGGGCACCTGGCCTCCAGGAGT
CGCTGTGTTGGGAGAGCCGGCCACGCCCTTGGCTTTAGAGCTGTGTTGAAATCCATTTTGGTGGTTGGT
TTTTAACCCAACTCAGTGCATTTTTTAAATAGTTAAGAATCCAAGTCGAGAACAACCTTGAACACACAG
AAGGGAGACCCCGCTAGCATAGATTTGCAGTTACGGCCTGGATGCCAGTCGCCAGCCAGCTGTTCCC
CTCGGGAACATGAGGTGGTGGTGGCGCAGCAGACTGCGATCAATTCTGCATGGTCACAGTAGAGATCCC
CGCAACTCGCTTGTCTTGGGTCACCCTGCATTCCATAGCCATGTGCTTGTCCCTGTGCTCCACGGTT
CCCAGGGGCCAGGCTGGGAGCCACAGCCACCCACTATGCCGCGAGCCGCCCTACCCACCTTCAGGCA
GCCTATGGGACGCAAGGGCCCATCTGTCCCTCGGTCGCCGTGTGGCCAGAGTGGGTCCGTCGTCGCCAA
CACTCGTGTCTCGCTCAGACACTTTGGCAGGATGTCTGGGGCCTACCAGCAGGAGCGCGTGAAGCCGG
GCAGGGCGGTCCACCTAGACCCACAGCCCTCGGGAGCACCCACCTCTGTGTGTGATGTAGCTTTCTCT
CCCTCAGCCTGCAAGGGTCCGATTTGCCATCGAAAAAGACAACCTCTACTTTTTTCTTTTGTATTTTGA
TAAACTGAAGCTGGAGCTGTTAAATTTATCTTGGGAAACCTCAGAAGTGGTCTATTTGGTGTGCGTG
GAACCTCTTACTGCTTTCAATACAGGATTAGTAATCAACTGTTTTGTATACTTGTTTTTCAGTTTTTCA
TCGACAAACAAGCACTGTAATTATAGCTATTAGAATAAAATCTCTTAACATTTTCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<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_001658.4</a>
<b>Summary:</b>	ADP-ribosylation factor 1 (ARF1) is a member of the human ARF gene family. The family members encode small guanine nucleotide-binding proteins that stimulate the ADP-ribosyltransferase activity of cholera toxin and play a role in vesicular trafficking as activators of phospholipase D. The gene products, including 6 ARF proteins and 11 ARF-like proteins, constitute a family of the RAS superfamily. The ARF proteins are categorized as class I (ARF1, ARF2 and ARF3), class II (ARF4 and ARF5) and class III (ARF6), and members of each class share a common gene organization. The ARF1 protein is localized to the Golgi apparatus and has a central role in intra-Golgi transport. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	375
<b>MW:</b>	45.1