

Product datasheet for **SC125897**

ARL14 (BC034354) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARL14 (BC034354) Human Untagged Clone
Tag: Tag Free
Symbol: ARL14
Synonyms: ADP-ribosylation factor-like 14; ADP-ribosylation factor 7; ARF7; FLJ22595
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for BC034354 edited

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ACACATCTAGGTTCTTGTCTTAGAATACAGCATGAAGAATTTGCTTTCTTTCTTTCTTCC
TAACATTTTCATGTGAGATCCAGAAAGGACACATTGTCTCTGGCCATTGAAAGAAAGAAA
GAAAGAAAGAAAAAAGGTATTTAGAGACAGAGAGAGAAAAAGGCTGAAATGGGTTTCGC
TGGGTTCTAAAAATCCGCAAACCAACAAGCCCAAGTTCTTTTGGGACTTGACTCAG
CTGGGAAGTCTACTCTCCTTTATAAATTAAGCTTGCTAAGGATATTACCACCATCCCTA
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ATGTTGGAGGACAGGAAAAATGAGAACTGTTTGGGGCTGTTACTGTGAGAACACCGATG
GGCTGGTGTATGTTGTGGACAGTACAGACAAACAGCGACTGGAAGAGTCTCAGAGACAGT
TTGAGCACATTTTGAAGAATGAACACATTAATAATGTGCCTGTTGTTCTATTAGCCAACA
AAACAAGACATGCCTGGAGCTCTGACTGCTGAGGACATCACCAGAATGTTCAAAGTGAAGA
AGCTTTGCAGTGACCGGAACTGGTATGTGCAACCCTGCTGTGCCCTCACAGGGGAGGGGC
TGGCCCAGGGGTTTCAGGAAATTAAGTGGATTTGTGAAGAGCCACATGAAATCAAGAGGAG
ACACTTTGGCGTTCTTCAAGCAGAACTGAGGCTGCGAAAAATCCAAGTCTCTACAGAGAC
ACTGATGAAGTTGAAAGGTAATTTGTTTTCCATGCCAAATGAGGAAATCAAATTAATGA
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TATCTAGAAAAATTTTATTTTCAGCCAGGAACTTAGCAAACTGTGGCAATGATCACTGG
GAATGAAAACGTATAATGTTCTACAATTTTGTATCACATTGGATGACTTTGAATATAG
TAGTGACACTTGGGACCAATAAATTTTATATGACTACTAGAACAAGTTTTAGTAA
GCTGTCTGCTAATAGAGTCAGAATTTCTCCAGATTGTTTCCAGCTGTAACAGGTATTGAA
TTTCCACCGTCTCCTATGTAACAGCTGGGTGGTGTAAAAATGAACTTCAAATTAATGGA
GTGGAAAAAGCGTAATGTTAATATCTTGTAAATTCGTATTCCTATTAATAAAGCTTTC
TTATTCCTAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC034354 unedited AAAGGTCAAATTTGTATACGACTCCTATAGGCGGACCGCGATTCAAATCTGGTACCGGTC CGGAATCCCCTGGGATACACATCTAGGTTCTTGTCTTAGAATACAGCATGAAGAATTTGC TTTCTTCTTCTCTCTAACATTTTCATGTGAGATCCAGAAAGGACACATTGTCTCTGGCC ATTCGAAGAAAGAAAGAAAGAAAGAAAAAAGGATTTAGAGACAGAGAGAGAAAAAGG CTGAAATGGGTTTCGCTGGGTTCTAAAAATCCGCAAACCAACAAGCCCAAGTTCTTCTTT TGGGACTTGACTCAGCTGGGAAGTCTACTCTCCTTTATAAATTAAGCTTGCTAAGGATA TTACCACCATCCCTACAATAGGTTTCAATGTGGAATGATCGAGTTGAAAGGAATTTTT CACTCACAGTCTGGGATGTTGGAGGACAGGAAAAATGAGAAGTGTGGGGCTGTACT GTGAGAACACCGATGGGCTGGTGTATGTTGTGGACAGTACAGACAAACAGCGACTGGAAG AGTCTCAGAGACAGTTTGAAGCATTGTTGAAGAATGAACACATTAATAATGTGCCTGTTG TTCTATTAGCCAACAACAAGACATGCCTGGAGCTCTGACTGCTGAGGACATCACCAGAA TGTTCAAAGTGAAGAAGCTTTCAGTGACCGGAAGTGTATGTGCAACCTGCTGTGCC TCACAGGGGAGGGGCTGGCCAGGGGTTTCAGGAAATTAAGTGGATTTGTGAAGAGCCCAT GAAATCAAGAGAGACACTTTGGCGTTCTTCAAGCAGAACTGAGCTGCGAAAAATCCAGT CTCTACAGAGACTGATGAAGTTGAAAGTAATTGTTTTCCATGCCAATGAGAAAC
Restriction Sites:	NotI-NotI
ACCN:	BC034354
OTI Disclaimer:	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).
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:	<ol style="list-style-type: none">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:	<u>BC034354.1, AAH34354.1</u>
RefSeq Size:	1318 bp
Locus ID:	80117
Cytogenetics:	3q25.33
Gene Summary:	GTPase that recruits MYO1E to MHC class II-containing vesicles via the effector protein ARL14EP and hence controls the movement of these vesicles along the actin cytoskeleton in dendritic cells.[UniProtKB/Swiss-Prot Function]