

Product datasheet for **SC324326**

C11ORF46 (ARL14EP) (NM_152316) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C11ORF46 (ARL14EP) (NM_152316) Human Untagged Clone
Tag: Tag Free
Symbol: C11ORF46
Synonyms: ARF7EP; C11orf46; dj299F11.1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_152316.1
 GCGGGGACTGGCTGGGAAGCGGTTCGGTCGAGTGTGGCCTGTGTGGACTCGCATCTTGCCC
 GAAGCCGGGCGGAGGAGCTCAAGCTAAGGGTGATCAGCCCATGACCTAACCTCCAGA
 CAAAATAAACAGGGAAAATTTGCTAGAATCAAGAATGATGGATCCATGTTCAAGTTGGAG
 TCCAGCTTCGTAATAACAATGAGTGCCATAAAACCTACTATACTCGTCACACAGGTTTTA
 AGACTTTGCAAGAATTGTCATCAATGATGCTTTTACTTCACTTAGAACTGGAATGA
 CACTTTCTGGGAACAATAAATTTGCTTTTCATCATGTAAAAATTTACATTGACAGATTTG
 AGGATTTACAGAAGTCATGTTGTGACCCATTTAACATACACAAGAAATTAGCCAAAAAAA
 ATTTGCATGTAATTGACTTAGATGATGCCACTTTTCTGAGTGCTAAATTTGGAAGACAGC
 TTGTACCTGGTTGGAAGCTTTGTCCAAAATGCACACAGATAATCAATGGAAGTGTGGATG
 TTGATACTGAAGACCGCCAGAAAAGGAAACCTGAGTCAGATGGAAGAAGTCTAAAGCTT
 TGAGGTCATTACAATTTACGAATCCAGGAAGGCAAAGTGAATTTGCTCCAGAACTGGTA
 AAAGAGAAAAAAGAGGCTTACAAAAATGCAACCGCTGGTTCAGACAGACAAGTGATAC
 CAGCAAAGAGTAAGGTCTATGATAGCCAGGGTCTCCTGATTTTTAGTGGGATGGACCTCT
 GTGACTGCCTGGATGAAGACTGCTTAGGATGTTTCTATGCTTGTCTGCCTGTGGTTCTA
 CCAAGTGTGGAGCTGAATGCCGCTGTGACCGCAAGTGGCTGTATGAGCAAATGAAATTG
 AAGGAGGAGAAATAATTCATAATAAACATGCTGGATAATCTGCGGTACCAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_152316

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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_152316.1 , NP_689529.1
RefSeq Size:	1770 bp
RefSeq ORF:	783 bp
Locus ID:	120534
UniProt ID:	Q8N8R7
Cytogenetics:	11p14.1
Gene Summary:	The protein encoded by this gene is an effector protein. It interacts with ADP-ribosylation factor-like 14 [ARL14, also known as ADP-ribosylation factor 7 (ARF7)], beta-actin (ACTB) and actin-based motor protein myosin 1E (MYO1E). ARL14 is a small GTPase; it controls the export of major histocompatibility class II molecules by connecting to the actin network via this effector protein. [provided by RefSeq, Sep 2014]