

Product datasheet for **RN212998**

Arih2 (NM_001012275) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arih2 (NM_001012275) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arih2
Synonyms:	ARI2; TRIAD1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN212998 representing NM_001012275
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTGGACATGAACAGCCAAGGGTCTGACAGCAATGAAGAGGACTATGACCCAACTGTGAGGAAG
 AGGAAGAAGAGGAAGAGGACCCTGGGGACATAGAGGACTACTATGTTGGAGTAGCCAGTGATGTGGAGCA
 GCAGGGGGCTGATGCTTTTATCCCGAAGAGTATCAATCACTTGCTTGACCTATAAGGAGTCTGAGGGC
 GCCCTCCATGAGCATATGACCAGCTTAGCCTCTGCCTAAAGGTATCTCATTCACTTGCAAAAGCTTATAT
 TAGTTAATTTCCACTGGCAAGTCTCAGAGATTCTGGACAGGTACAGGTCTAATTCTGCTCAGCTGCTTGT
 TGAGGCGCGAGTTCAACCTAATCCATCCAACACGTCCCCACAGCCACCCCTCACCCTGTGCAGTG
 TGTATGCAGTTTGTGCGGAAGGAAAACCTGCTCTCTGACCTGCCAGCATCAGTTTTGCCGAAGCTGTT
 GGGAGCAACATTGCTCAGTCTCGTCAAAGATGGTGTCCGGTGTAGGAATCTCATGTATGGCTCAGGATTG
 TCCGCTTCGAACACCAGAGGACTTTGTGTTTCCCTTGCTTCCCAACGAAGAGTTGAGAGATAAATACAGG
 CGCTACCTCTTTAGGGACTATGTGGAGAGTCATTACCAGCTCCAGCTGTGCCCTGGTGCAGACTGCCCA
 TGTTATTTCGGGTACAGGAGCCGAGAGCTCGCCGAGTGCAGTGAATCCGGTGAACAGAGGCTTCTGTTT
 CAAGTGTGCGACAGATGTATCACGCCCCACAGACTGCGCCACAATCCGAAATGGCTCACCAAGTGTGCG
 GACGACTCCGAAACAGCTAACTACATTAGTGCTCACACTAAAGACTGTCCCAAGTGAACATCTGTATCG
 AGAAGAATGGAGGCTGCAATCACATGCAATGCTCCAAGTGAAGCATGACTTCTGCTGGATGTGTCTAGG
 AGACTGGAAGACGCATGGTAGTGAGTACTATGAATGTAGTCGGTACAAGGAGAATCTGCATTGTCAAC
 CAGAGCCAGCAAGCACAGGCCAGGGAGGCCCTCAAGAAGTACTTGTCTACTTTGAGAGGTGGGAAAATC
 ACAACAAAAGCTTGACAGCTGGAGGCACAACATACCAGCGGATTACAGAGAAGATTCAAGAGAGGTTAT
 GAACAATCTGGGAACGTGGATTGACTGGCAGTACCTGCAGAATGCCGCCAAGCTGTTGGCCAAGTGTGCA
 TACACCCTGCAATATACCTATCCATATGCATACTACATGAATCCGGCCCCAGGAAGAAGCTGTTTGAAT
 ACCAGCAGGCTCAGCTGGAGGCTGAGATCGAAAACCTTTCATGGAAAAGTTGAGCGTGCAGACAGCTATGA
 CAGAGGGGACTTGGAAAACCAGATGCACATAGCAGAGCAGCGGAGAAGAACCCTGCTAAAGGATTTTCAC
 GACAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001012275

Insert Size: 1479 bp

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:

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_001012275.2](#), [NP_001012275.1](#)

RefSeq Size: 3755 bp

RefSeq ORF: 1479 bp

Locus ID: 316005

Cytogenetics: 8q32