

Product datasheet for **SC319662**

ARH3 (ADPRHL2) (NM_017825) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARH3 (ADPRHL2) (NM_017825) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARH3
Synonyms:	ADPRHL2; ARH3; CONDSIAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_017825.1
 GCAGTCTGCGCGCGGATGGCCGCAGCGCGATGGCGGCAGCGGCAGGTGGAGGGGCTGGC
 GCGGCCCGCTCCCTCTCGCGCTTCCGAGGCTGCCTGGCTGGCGCGCTGCTCGGGGACTGC
 GTGGGCTCCTTCTACGAGGCCACGACACCGTCGACCTGACGTGAGTCTGCGTCATGTC
 CAGAGTCTGGAGCCGACCCCGGCACGCCCGGAGTGAGCGGACAGAAGCCTTGTACTAC
 ACAGATGACACAGCCATGGCCAGGGCCCTGGTGCAGTCCCTGCTAGCCAAGGAGGCCCTT
 GACGAGGTGGACATGGCTCACAGATTTGCTCAGGAGTACAAGAAAGACCCTGACAGGGGC
 TATGGTGTGGAGTAGTCACTGTCTTCAAGAAGCTCCTGAACCCCAAATGTCGCGATGTC
 TTTGAGCCTGCCCGGCCAGTTTAAACGGAAAGGCTCCTATGGCAATGGAGGTGCCATG
 CGGGTGGCTGGCATCTCCCTGGCCTATAGCAGTGTCCAGGATGTGCAGAAGTTTGCCCGG
 CTCTCGGCCAGCTGACACACGCCTCCTCCCTGGGTTACAATGGCGCCATCCTGCAGGCC
 CTGGCTGTGCACCTGGCCTTGCAGGGCGAGTCTCCAGCGAGCACTTTCTCAAGCAACTC
 CTGGGCCACATGGAGGATCTGGAGGGTGTGCCAGTCCGTCTTGGATGCCAGGGAGTTG
 GGCATGGAGGAGCTCCATACTCCAGCCGCTGAAGAAGATTGGAGAGCTTCTAGACCAG
 GCATCGGTGACCAGGGAGGAAGTGGTGTCTGAGCTAGGGAATGGCATTGCTGCCTTTGAG
 TCGGTACCCACCCCATCTACTGCTTCTACGCTGCATGGAGCCAGACCCCTGAGATCCCT
 TCTGCCTTCAATAGCCTCAAAGGACTCTCATTATTCCATCTCACTTGGTGGGGACACA
 GACACCATTGCCACCATGGCTGGGGCCATTGCTGGTGCCTACTATGGGATGGATCAGGTG
 CCAGAGAGCTGGCAGCAAAGCTGTGAAGGCTACGAGGAGACAGACATCCTGGCCAAAGC
 CTGCACCGTGTCTCCAGAAGAGTTGATGAGGGCTACAGCTGTTGGGGCTCTGCCAGGTC
 CCCTGGGACCAACTACAGCTCCAATCAGAAACCCTGCGCTTCTTGAAGTGGCTTCCCA
 CTTTTCTGCATTGTGGAGCTGACTGAGTACACCGGTGAGGCTGGGGTCTCTGCAGGGGA
 GGTCACTGGAACAGCGAGCAAGGGACTGGTGCCCTCGCTGGTGTCTGGGTCTCTGGTTTGT
 GCAGAGCCGTAGGACACTCCTGGCTCCTCAGTAGGACAGACAGACGACGAGCGGGTTTATT
 TTGGAGGGTACTTGTGGCATTTCCTGTATTGTCTTGGACATGGGATGTGGGGAGGTGG
 AAATGATGAGCAGTAGCATCATTCTCCCTGTTGGGTTTTAGCCAGTTTGCAGCAAGCG
 CATCCTAGCAGGGTCCCGAGCAGCAGGTTGTGTGGATGAAGGGACAGGCACTTGCATCC
 AGCTGATCTAGGTACACCTGGCTCTTGGCTGCCATGTGGCTTATTAACAGCTTCCAGTG
 GAAGTCGAATAAACAGTTTTTGGTAAATCTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_017825

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).

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:

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_017825.1](#), [NP_060295.1](#)

RefSeq Size: 1691 bp

RefSeq ORF: 1092 bp

Locus ID: 54936

UniProt ID: [Q9NX46](#)

Cytogenetics: 1p34.3

Domains: ADP-ribosyl_GH

Gene Summary: This gene encodes a member of the ADP-ribosylglycohydrolase family. The encoded enzyme catalyzes the removal of ADP-ribose from ADP-ribosylated proteins. This enzyme localizes to the mitochondria, in addition to the nucleus and cytoplasm.[provided by RefSeq, Feb 2009]