

Product datasheet for **SC126318**

ARHGDIG (NM_001176) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARHGDIG (NM_001176) Human Untagged Clone
Tag: Tag Free
Symbol: ARHGDIG
Synonyms: RHOGDI-3
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for NM_001176 edited

```
>OriGene sequence for NM_001176 edited
GAGCGCCGAGCGGGCGGCGGGCGGGCGGGCGGCTCCTCGGCGGCTCCGCGGGCGCC
CGGGCCGCGGCCACCATGCTGGCCTGGACGCGTGCGAGCTGGGGGCGCAGCTGCTGGA
GCTGCTCCGGCTGGCGTGTGCGCCGAGTCTCCTGGCTGACAAGGAGGGTGGGCCGCC
GGCAGTGGACGAGGTGTTGGATGAGGCTGTGCCGAGTACCGGGCGCGGGGAGGAAGAG
CCTCTTGAGATCCGGCAGCTGGACCCGGACGACAGGAGCCTGGCCAAGTACAAGCGGT
GCTGCTGGGGCCCTGCCACCGCCGTGGACCCAAGCCTGCCAATGTGCAGGTGACCAG
GCTGACACTCCTGTCGGAACAGGCTCCGGGGCCCGTCGTCATGGATCTCACAGGGGACCT
GGCTGTTCTGAAGGACCAGGTGTTGTCCTGAAGGAAGGTGTTGATTACAGAGTGAAGAT
CTCCTTCAAGGTCCACAGGGAGATTGTCAGCGGCCTCAAGTGTCTGCACCACCTACCG
CCGGGGCCTGCGCGTGGACAAGACCGTCTACATGGTGGGAGCTATGGCCGAGCGCCCA
GGAGTATGAGTTTGTGACTCCGGTGGAGGAAGCGCCGAGGGGTGCGCTGGTGCGGGGCC
CTATCTGGTGGTGTCCCTCTTACCCGACGATGACAGGACGACACCCTGTCTGGGAGTG
GGGTCTCTGCATCTGCCAGGACTGGAAGGACTGAACCCCAAGTCCCGTGTCTCCCTACCT
CCCTCAGTTGTTGCACAGGGACCCCAAGCATCCCCAGCACCCCGTGTGAGTGACCAGAC
CCTCCCTGCTGCCCCTGCTGCCCTGCTGCCCTGCTGCTGTCCCGGGACCCCTGGGCC
TGGCGCTGTCCCTGAGCTGTCCATTAACACGGCCCTGTCTCGGTGAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAA
```



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001176 unedited GGGGTTCGGTACGCTGGNANCGCCTTCCAGCTGTTTTGACCTCCTAGAAAAACCGGGAC CGATCCAGCTCCGGACTCTAGCCTAGGCCGCGGGACGGATAACAATTTACACAGGAAA CAGCTATGACCATTAGGCCTATTTAGGTGACACTATAGAACAAGTTTGTACAAAAAGCA GGCTGGTACCGGTCCGGAATCCCGGATATCGTCGACCCACGCGTCCGGAGCGCCGAGC GGGGCGGCGCGGGGCGGGCGGGCTCCTCGGCGGCTCCGCGGGCCCGGGCCGCGCG CCACCATGCTGGGCCTGGACGCGTGCAGCTGGGGCGCAGCTGCTGGAGCTGCTCCGGC TGGCGTGTGCGCCGAGTCTCTGGCTGACAAGGAGGTGGCCGCGCGCAGTGGACG AGGTGTTGGATGAGGCTGTGCCGAGTACCGGGCGCCGGGAGGAAGAGCCTCTTGGAGA TCCGGCAGCTGGACCCGGACGACAGGAGCCTGGCCAAGTACAAGCGGGTCTGCTGGGGC CCCTGCCACCGCCGTGGACCCAAGCCTGCCCAATGTGCAGGTGACCAGGCTGACTCTC TGTCGGAACAGGCTCCGGGGCCGTCGTCATGGATCTCACAGGGGACCTGGCTGTTCTGA AGGACCAGGTGTTTGTCTGAAGGAAGGTGTTGATTACAGAGTGAAGATCTCTTCAAGG TCCACAGGGGAGATTGTCAGCGGCTCAAGTGTCTGCACCACACTACCGCGGGGGCCT GCGNCGTGGACAAGACCCGCTACATGGGTGGGCGAGCTATGGCCCGAGCGCCAGGGAG TATGAGTTTTGTGACTCCGGTGGGAGGAAGCCGCGCGAGGGGTGCGCCTGTTGCGGGGGC CCCTATCTTGGTGGTGTCCCTCCTTACCGACAA
Restriction Sites:	NotI-NotI
ACCN:	NM_001176
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>NM_001176.1</u> , <u>NP_001167.1</u>
RefSeq Size:	1618 bp
RefSeq ORF:	678 bp
Locus ID:	398
UniProt ID:	<u>Q99819</u>
Cytogenetics:	16p13.3
Protein Families:	Druggable Genome

Gene Summary:

The GDP-dissociation inhibitors (GDIs) play a primary role in modulating the activation of GTPases by inhibiting the exchange of GDP for GTP. See ARHGDIB (MIM 602843).[supplied by OMIM, Nov 2010]