

Product datasheet for **SC331843**

ARHGEF38 (NM_001242729) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARHGEF38 (NM_001242729) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARHGEF38
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC331843 representing NM_001242729.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGAGCCCAAGAAGCCACTGGGAAAGAAAACATGGTCACCAAGAAAAAGAATCTGGCCTTCTTGAGG
 TCTAGACTCTATATGCTGGAGAGAAGGAAGACTGACACTGTGGTTGAGAGCAGTGTCTGGGGACCAC
 TCTGGCACCTTGAGGAGGAGCCAATCTGACAGGACCGAATACAACCAGAAATTACAAGAAAAGATGACT
 CCACAGGGTGAGTGTCTGTAGCTGAGACCTTAACCCAGAGGAAGAGCATCATATGAAGAGGATGATG
 GCAAAGCGGGAAAAGATCATTAAAGGAGCTGATACAGACAGAAAAGGATTATCTCAATGATCTAGAGCTG
 TGTGTTAGGGAAGTGTTTCAGCCCTGAGAAATAAAAAGACTGATAGGCTGGATGTGGATAGCTTGT
 AGCAACATTGAGTCCGTGCATCAGATATCAGCCAAGCTGCTGTCATTGTTGGAAGAGGCCACAACAGAC
 GTGGAACCGGCCATGCAAGTAATTGGAGAAGTATTCTTGAGATTAAAGGGCCACTGGAAGATATTTAT
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 AAGGAACATTTGAGCCACTGTATCCAGTCTTAAAGAAAATATACATGCAAGAAGGCAAAACCAACTTA
 TTGGACATGGGCTCTTTGATGATCAAACCAATTCAACGTGTGATGAAATACCCCTATTACTGTGCGAA
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 GAGGATGAATCACTTAAAGACAAATTGTCTAAACTAAATATTCATTCAATTAGCAAGAAATCAAAAAGA
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 GACGAACAGATTTCTATGCAGTTCATGCTTTTCAAGCACGGAGTGACCATGAACTCAGCCTTCAGGAA
 TACCAGAGAGTTTCACTACAGTTTGTGACCTAAGTGGCAATAAAGAGTGGTGGTTAGCTGAAGCT
 CAAGGGCAGAAAGGATACGTGCCAGCTAACTACCTTGAAAGATGACTTATGCTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001242729

Insert Size: 2334 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_001242729.1](#)

RefSeq Size: 5456 bp

RefSeq ORF: 2334 bp

Locus ID: 54848

UniProt ID: [Q9NXL2](#)

Cytogenetics: 4q24

MW: 89.1 kDa

Gene Summary: May act as a guanine-nucleotide releasing factor.[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.