

Product datasheet for **SC103460**

ARHGEF10L (BC029928) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ARHGEF10L (BC029928) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ARHGEF10L |
| Synonyms: | GrinchGEF |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Cell Selection: | None |
| Fully Sequenced ORF: | >NCBI ORF sequence for BC029928, the custom clone sequence may differ by one or more nucleotides |

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CGCCATTGTATGGAGAGACCACATTTTGTTCACGCGTTAGTCTGTGACGGACATTTTGCCTCCACATT  
TTGGCGACTGTGGCTAATGCTGCTATGAACATGGCTGGACAAATATCTGTTTGAGACCCCGCTTTCAGTT  
CATGTGGGTCTATTCTAGAAAGATCCATGCTTTTGTTCCTTTTCATGCATTAGCTGTTTCTTGAGGT  
CTTGTTCTGCATCTGGTCCATCTGTCTGGCCTCAGCCGGGCCCTTTCAGACCCAGTGTGTGTAGGG  
GGTTGCGCAGGGTGAGGCTTTCGCCAGGCTGGGGTAGAGTTGGTCATGGGTGGGCTGCTCAGTCTGTG  
TCTGACCTGGCAGGACATGCTGAAGAACACCCCAAGGGCCATCCGGACAGGCTGTGCTGACAGCTGGCC  
CTCACAGAGCTGGAGACGCTGGCTGAGAAGCTGAACGAGCAGAAGCGGCTGGCTGACCAGGTGGCTGAGA  
TCCAGCAGCTGACCAAGAGCGTCAGTGACCGCAGCAGCCTCAACAAGGTGAGCTGGGCTCCACCTGCC  
TGCCCTCACCTGCCTGCCCTCACCTGTGCTCCTGCCCGTGCCCTGCCCCACGCCACCCACACTAGGTGG  
CAGTGTCTCTGAGGGAGGGGAGGCCTTGTCTTCCAAGGATGTGACCTTGGGGATTGGATCCTCAGCGG  
GACCCCAAGTTCATTCTGTTCATGTTATTTAAGATAAAAGTTCATTTTGTGCATCAGTGTGATTTCC  
AGTAAAGTCTCCAGAAATCAAAGCCTAGTAAATGAACAGGCTCTGGAGAGTCAGAATCTGGGTTTATAGT  
CCAGATTTGCCATAGGTGCTTGTGTGTCGCCCTCAAGGAATCACCCACCTCTGAACCTCACTTGC  
TCCCTTTGAAATGAGGAGCATTTAATAGCACCGGAGCCCTAGGGCTGTGCGCAGAAAGAGGGAGCTGGC  
AAAGTGGCTTCGTGATTGCTTAAACACAAGAAGAAAGATGAAAAGTCCATGCCATGTTTGGGGTTGCC  
GCTTAGGAACATGCTATTAATAAAAAAAAAAAAAAAAAAAAAA
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| 5' Read Nucleotide Sequence: | >OriGene 5' read for BC029928 unedited NNGGGGGTGTGCACTATTTTGTAAACGACTCACTTATAGGGCGGCCGCGATTCCGGCAGC AGGGCTACGTGGAGTCTCTGAAGCGGATACTCCAGGACTACCGCAACCCCTGATGGAGA TGGAGCCCAAGGCGCTGAGCGCCCGCAAGTGCCAGGTGGTGTCTTCCGCGTGAAGGAGA TCCTGCACTGCCACTCCATGTTCCAGATCGCCCTGTCTCCCGGTGGCTGAGTGGGATT CCACCGAGAAGATCGGGGACCTTTCGTGGCCTCGTTTTCCAAGTCCATGGTGCTAGATG TGTACAGTGACTACGTGAACAACCTTACCAGTGCCATGTCCATCATCAAGAAGGCTGCC TCACCAAGCCTGCCTTCCTCGAGTTCCTCAAGCGACGGCAGGTGTGCAGCCAGACCGTG TACCCTCTACGGGCTGATGGTCAAGCCATCCAGAGTTCCACAGTTCATACTCCTGC TTCAGGACATGCTGAAGAACACCCCCAGGGGCCATCCGGACAGGCTGTGCTGCAGCTGG CCCTCACAGAGCTGGAGACGCTGGCTGAGAAGCTGAACGAGCAGAAGCGGCTGGCTGACC AGGTGGCTGAGATCCAGCAGCTGACCAAGAGCGTCAGTGACCGCAGCAGCCTCAACAAGC TGTTGACCTCAGCCAGCGGCAGCTGCTCCTGTGTGAGACGTTGACGGAGACCGTGTACG GTGACCGCGGGCAGCTAATTAAGTCCAAGGAGCGTCGGGTCTTCTGCTCAACGACATGC TTGTCTGTGCCAATCAACTTCAAGGGCCAGCTGGAGATCAGCAGCCTGGTGCCCTGG NGCCCAAAGTATGTGTGAAGTGAACACGCGCTGCCCCAGTGCCAGTGGTGGAGTGGGC CAGC |
| Restriction Sites: | NotI-NotI |
| ACCN: | BC029928 |
| Insert Size: | 3500 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: | <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: | BC029928.1 |
| RefSeq Size: | 1088 bp |
| RefSeq ORF: | 1088 bp |
| Locus ID: | 55160 |
| Cytogenetics: | 1p36.13 |
| Gene Summary: | This gene belongs to the RhoGEF subfamily of RhoGTPases. Members of this subfamily are activated by specific guanine nucleotide exchange factors (GEFs) and are involved in signal transduction. The encoded protein shows cytosolic distribution. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2016] |