

Product datasheet for **SC212951**

ARHGEF11 (NM_198236) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ARHGEF11 (NM_198236) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ARHGEF11
Synonyms: GTRAP48; PDZ-RHOGEF
ACCN: NM_198236
Insert Size: 1190 bp
Insert Sequence: >SC212951 3'UTR clone of NM_198236
The sequence shown below is from the reference sequence of NM_198236. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCAGACGCAGCCCGCTCACCAGGACCATAACCGTACAAACCACCAAAATCCTCTCGTCCCCACTCCTCC
TTCAGGGACTGGCCTGAGACCCGGGCACAGGGTAGGGGGATCCCAACACTCCTCCCTGTGGAGGAGGC
AGTTAGGGAAACTAGGATCCAGCCAAGGCCCGGGGGAGACCCGATGTTGCTTGGTCTGCTCAAGTCG
GAGTCAGGTTTCAGTGTCTTTCCCTCCCTTAGCCCAACCCTCCAAGGCCTCATGTCTCCTAAGCATGC
TGACTGCATCCGAAAGGCCCCACTCACCATGGTCTGCCCTACCCACATATGTGTGTACACGCGCAC
GCCTGTATGTGCGCTGCCCTCAGACATGCAAGTAAAGGAGGAGGCTTCTGTGTAATGCACTTTCTTC
CTCCCCTCTTTCCATAAGACCCAGGCAGAGGTGGGTGCCCTCCCCTCCCCTCTTTGTCACTTTGGTT
TCCTATAAATATGTATGTATCGTATGTGCATCTTTGCTATTGTAATAACTTTGACCTTTTTTGTCTCT
GTTCTGAAGTGTGGAGGCAGTTATGGAAGGAGCTGCTTAGGGAAGAGGGGTTTCACTTGTATCTCCT
TAGTTAAACACCAGTTCAGGATCGAGCCTAAAGCGGGAGCCAGGCCTGAGTGTCTCCTGTCCCTGTGA
GTGGGAAGGTCTTCTGGCTCCCCATCCCACCTGGCTCCAGAGCCTGCCCTCCACAGCTTGTCTGCCAAGC
TACTCCCCTCCCCTGGACTTCTCATCTTCAAGATGGGGATCATGGGGGTTTCTTACCCACCTAT
GTCCCCTCTTCCCACCTGTCCCTGTAGAAAACCAAGTGAAGCAGGTACGGAGCTGAGGACTGGGCC
CAGGAGGTGGGGACAGGGGTCTGAATGCCGAGTCCCTGAATTCACCCAGGACCATCCAAGGGGCCACCG
CAGCATTGGCCCCATCACCACGTCTCACCACCTCCTCCTGATGAATAGAATATACACTGTGCTAG
GTGTATATACATATATATATATAAATATATATAAATATATAAATATAGATATGGAATGACTG
TTCTGCTGTTAAGATAATGTATACTCTTTATTTCTTCTTTCATGGTTAAGATTTTTTTTTTAAGAA
AAGTTAAATATCCTTCA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_198236.3</u>
Summary:	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. A similar protein in rat interacts with glutamate transporter EAAT4 and modulates its glutamate transport activity. Expression of the rat protein induces the reorganization of the actin cytoskeleton and its overexpression induces the formation of membrane ruffling and filopodia. Two alternative transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Locus ID:	9826
MW:	43.6