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Product datasheet for SC207914

RHOG (NM_001665) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RHOG (NM_001665) Human 3' UTR Clone
Symbol:	RHOG
Synonyms:	ARHG
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001665
Insert Size:	615 bp
Insert Sequence:	>SC207914 3'UTR clone of NM_001665 The sequence shown below is from the reference sequence of NM_001665. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGCGTGGGCGGTCCTGCATCCTCTTGTGACCCTGGCACTTGGCTTGGAGGCTGCCCCTGCCCTCCCCC CACCAGTTGTGCCTTGGTGCCTTGTCCGCCTCAGCTGTGCCTTAAGGACTAATTCTGGCACCCCTTTCC AGGGGGTTCCCTGAATGCCTTTTTCTCTGAGTGCCTTTTTCTCCTTAAGGAGGCCTGCAGAGAAAGGGG CTTTGGGCTCTGCCCCCCTCTGCTTGGGAACACTGGGTATTCTCATGAGCTCATCCAAGCCAAGGTTGG ACCCCTCCCCAAGAGGCCAACCCAGTGCCCCCTCCCATTTTCCGCTACTGACCAGTTCATCCAGCTTTC CACACAGTTGTTGCTGCCTATTGTGGTGCCGCCTCAGGTTAGGGGCTCTCAGCCATCTCTAACCTCTGC CCTCGCTGCTCTTGGAATTGCGCCCCCAAGATGCTCTCTCCCTTCTCCAATGAGGGAGCCACAGAATCC TGAGAAGGTGAATGTGCCCTAACCTGCTCCTCTGTGCCTAGGCCTTACGCATTTGCTGACTGACTCAGC CCCCATGCTTCTGGGGACCTTTCCTACCCCCATCAGCATCAATAAAACCTCCTGTCTCCAGTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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).

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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: NM_001665.4

Summary: This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The encoded protein facilitates translocation of a functional guanine nucleotide exchange factor (GEF) complex from the cytoplasm to the plasma membrane where ras-related C3 botulinum toxin substrate 1 is activated to promote lamellipodium formation and cell migration. Two related pseudogene have been identified on chromosomes 20 and X. [provided by RefSeq, Aug 2011]

Locus ID: 391

MW: 22.1