

## Product datasheet for **SC209040**

### **RHOH (NM\_004310) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	RHOH (NM_004310) Human 3' UTR Clone
Symbol:	RHOH
Synonyms:	ARHH; TTF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004310
Insert Size:	2000 bp



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**Insert Sequence:** >SC209040 3'UTR clone of NM\_004310  
 The sequence shown below is from the reference sequence of NM\_004310. 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
TTCCTCATCAATGAGTGCAGATCTTCAAACCCCAAGAGACTTCACACAACACTTATGTATGCACCCC
AAAGACTAATGGGAGAGGGAGGGCCGGGAAGCCAGGAAAGCTTGGTGTTTTCTCTGGGTACACCCCAA
GCAGCGTCTCCTTTGGATACAGTTATTGATGAGGCTTGGCCACTGGATGTTTTCTACTAACTACTCT
ACAAGTGAACCTTGGCCAGGCCAGTTAGAAAATCCCTTGGGGAAGTGTGATGAATATCCATCTTTG
ATTAATAAAGTGAATAGTCTCCATAATTTGGACGATGAAGTGAAGTTTTCAAAGAATCCATATTTA
AAGACACATTTTATTAATAAACAATAAATGTATTGCTTTGTATATTTAGTTTTACACTTGGAA
AATCTTTTCTACATCTCGAAAACATAAACTCCTCTGTGAGTGAAGTGTGTACGAAGCTCTGCCAT
ATGTTTGTAGTGTATTATTTTACCTCAAGTAGAAAGTCTGTTGAAACCACTTGGCTGCTGGATTTAA
ATGGGTAAATCAAATTTAAATGACCATAAATGAATCTTTGCAATTTGTTTTCTACTTACCTGTTATTC
ACAGTTGGATATAAAATACAGTTCATAAGATATCCTAATACTGCCTAATGATTTTAAAGTTATCACTA
TATTTTCTGAAATGATAAAACATCATTCAATTTTACTATATTGTCTTCACTCAACTCCAGTTATG
CACTAAATATTCTCCTCTCATTACCAAGATTGATTGAAACCACTCTTTCAGGTAGAGAATCAGACTG
CTCCAAGCAATGGCAACAGAAGTGGAAACAGAAGCAGAGAGTGTCACTTCACTTCTGGTAGGGTGGT
TCCCAGGCGACTGCAGGTCTGTGAAAGACAGGGGTCTCAAAGTCTGTTAATTTACAAATTTGTTAT
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GGGATATCTACATATATGTGTATGTAAGGGAAAAAGGTAGAATTTACAGCCTTCAAAAAAGAAAA
ATCAAATTCCAAGCACAGGAATAAGAAAGCTATATAGCAACTGCTCAGAGAACAGAAAGTTATCAGGGG
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TTCTATCGAATAGTTTAAAGCAATGGTGTGCTCATCTGTTAAAGTGGAGAACAGAGGACTACATAAC
TTAAGGTAGAAATGCAAAGGCTGGGTTGGGCAGGGCGTGGTGGCTCACTTTGGGAGGCTGAGACGGGT
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GCTAAAAATTAGCTGGGTGGTGGCACATGCCTGTAGTTCTAGCTACTCAAGAGGCTGAGGCAAAAGA
ATTGCTCGAACCTGGGAGCGGAGGTTGCAGTAAGCCAAGATCGCGCCACTGCACTCCAGCCTGGGCAA
CAGAGGGAGACTCCATCTCAAAAAAAAAAAAAAGAAAAGAAAAAGAAAGAAATGCAAAGGCTGGC
ACCTAGATAGATCAATCAATTACTGCCCTAATCAAACCTTAGAAACACTCTGAACCACCTTATGAAGG
TACATCATTGTTATGGGGTAACGTGACTATTACACAAAAAGGTAAGGTGGCTGGCATAAATGACTTTG
ATTAGAATTATGTTGACATAGCCAAACCAGTTTCTCTGTTCCCTTGTGTGGTCAATTCCTTACAGCTAT
AATCAGTATCAAAAACCAATGTGTGCTCATTACACATTGCTTTCTCCTTCTCTCTCTCTCTATCC
ACAGCCAGTAAAAGGCTGGGACCGGGTCTTGATCTCTGGTGGGAGGATTGCCTCGGTTCCCTGGGG
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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).

**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\\_004310.5](#)

**Summary:**

The protein encoded by this gene is a member of the Ras superfamily of guanosine triphosphate (GTP)-metabolizing enzymes. The encoded protein is expressed in hematopoietic cells, where it functions as a negative regulator of cell growth and survival. This gene may be hypermutated or misexpressed in leukemias and lymphomas. Chromosomal translocations in non-Hodgkin's lymphoma occur between this locus and B-cell CLL/lymphoma 6 (BCL6) on chromosome 3, leading to the production of fusion transcripts. Alternative splicing in the 5' untranslated region results in multiple transcript variants that encode the same protein. [provided by RefSeq, May 2013]

**Locus ID:**

399

**MW:**

76.4