

## Product datasheet for **SC331416**

### RNF14 (NM\_001201365) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RNF14 (NM\_001201365) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** RNF14  
**Synonyms:** ARA54; HFB30; HRIHFB2038; TRIAD2  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331416 representing NM\_001201365.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTCGTCAGAAGATCGAGAAGCTCAGGAGGATGAATTGCTGGCCCTGGCAAGTATTTACGATGGAGAT
GAATTTAGAAAAGCAGAGTCTGTCCAAGGTGGAGAAACCAGGATCTATTTGGATTTGCCACAGAATTTCC
AAGATATTTGTGAGCGGCAATTCAAATGAGTGTCTCCAGAATAGTGGCTTTGAATACACCATTTGCTTT
CTGCCTCCACTTGTGCTGAACCTTGAACCTGCCACCAGATTATCCATCCTTTCCCACTTCATTACA
CTTAGTGGCAAATGGCTGTCACCAACTCAGCTATCTGCTCTATGCAAGCACTTAGACAACCTATGGGAA
GAACACCGTGGCAGCGTGGTCTCTTTGCCTGGATGCAATTTCTTAAGGAAGAGACCCTAGCATACTTG
AATATTGTCTCTCTTTTGTGAGCTCAAGATTGGTTCTCAGAAAAAAGTGCAGAGAAGGACAGCTCAAGCT
TCTCCCAACACAGAGCTAGATTTTGGAGGAGCTGCTGGATCTGATGTAGACCAAGAGGAAATTTGGAT
GAGAGAGCAGTGCAGGATGTGGAATCACTGTCAAATCTGATCCAGGAAATCTTGGACTTTGATCAAGCT
CAGCAGATAAAATGCTTTAATAGTAAATTTGTTCTGTGCAGTATCTGTTTCTGTGAGAAGCTGGGTAGT
GAATGCATGTACTTCTTGGAGTGCAGGCATGTGTACTGCAAAGCCTGTCTGAAGGACTACTTTGAAATC
CAGATCAGAGATGGCCAGGTTCAATGCCTCAACTGCCAGAACCAAGTGCCTTCGGTGGCCACTCCT
GGTCAGGTCAAAGAGTTAGTGAAGCAGAGTTATTTGCCGTTATGACCGCCTTCTCCTCAGTCTCTCC
TTGGACCTGATGGCAGATGTGGTGTACTGCCCCGGCCGTGCTGCCAGCTGCCTGTGATGCAGGAACT
GGCTGCACCATGGGTATCTGCTCCAGCTGCAATTTTGCCTTCTGTACTTTGTGCAGTTGACCTACCAT
GGGGTCTCCCATGTAAGGTGACTGCAGAGAAATTAATGGACTTACGAAATGAATACCTGCAAGCGGAT
GAGGCTAATAAAAGACTTTTGGATCAAAGGTATGGTAAGAGAGTGATTGAGAAGGCACTGGAAGAGATG
GAAAGTAAGGAGTGGCTAGAGAAGAACTCAAAGAGCTGCCATGTTGTGGAACCTCCATAGAGAAATTA
GACGGATGTAACAAGATGACATGTACTGGCTGTATGCAATATTTCTGTTGGATTTGCATGGGTTCTCTC
TCTAGAGCAAACCCTTACAAACATTTCAATGACCCTGGTTCACCATGTTTTAACCGCTGTTTTATGCT
GTGGATGTTGACGACGATATTTGGGAAGATGAGGTAGAAGACTAG
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**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001201365  
**Insert Size:** 1425 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001201365.1</a></u>
<b>RefSeq Size:</b>	4181 bp
<b>RefSeq ORF:</b>	1425 bp
<b>Locus ID:</b>	9604
<b>UniProt ID:</b>	<u><a href="#">Q9UBS8</a></u>
<b>Cytogenetics:</b>	5q31.3
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	53.8 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This protein interacts with androgen receptor (AR) and may function as a coactivator that induces AR target gene expression in prostate. A dominant negative mutant of this gene has been demonstrated to inhibit the AR-mediated growth of prostate cancer. This protein also interacts with class III ubiquitin-conjugating enzymes (E2s) and may act as a ubiquitin-ligase (E3) in the ubiquitination of certain nuclear proteins. Six alternatively spliced transcript variants encoding two distinct isoforms have been reported. [provided by RefSeq, Jan 2011]</p> <p>Transcript Variant: This variant (6) differs in the 5' UTR compared to variant 1. Both variants encode the same 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.</p>