

## Product datasheet for **SC313637**

### RNF14 (NM\_183399) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RNF14 (NM_183399) Human Untagged Clone
Tag:	Tag Free
Symbol:	RNF14
Synonyms:	ARA54; HFB30; HRIHFB2038; TRIAD2
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_183399, the custom clone sequence may differ by one or more nucleotides ATGTCGTCAGAAGATCGAGAAGCTCAGGAGGATGAATTGCTGGCCCTGGCAAGTATTTAC GATGGAGATGAATTTAGAAAAGCAGAGTCTGTCCAAGGTGGAGAAAACCAGGATCTATTTG GATTTGCCACAGAATTTCAAGATATTTGTGAGCGGCAATTCAAATGAGTGTCTCCAGAAT AGTGGCTTTGAATACACCATTTGCTTTCTGCCTCCACTTGTGCTGAACTTTGAACTGCCA CCAGATTATCCATCCTCTTCCCCACCTTCACTTCACTTAGTGGCAAATGGCTGTCACCA ACTCAGCTATCTGCTCTATGCAAGCACTTAGACAACCTATGGGAAGAACACCGTGGCAGC GTGGTCTGTTTGCCTGGATGCAATTTCTTAAGGAAGAGACCCTAGCATACTTGAATATT GTCTCTCCTTTTGTAGCTCAAGATTGGTTCTCAGAAAAAAGTGCAGAGAAGGACAGCTCAA GCTTCTCCAACACAGAGCTAGATTTTGGAGGAGCTGCTGGATCTGATGTAGACCAAGAG GAAATTGTGGATGAGAGAGCAGTGCAGGATGTGGAATCACTGTCAAATCTGATCCAGGAA ATCTTGGACTTTGATCAAGCTCAGCAGATAAAATGCTTTAATAGTAAATTTGTTCTGTGC AGTATCTGTTTCTGTGAGAAGCTGGGTAGTGAATGCATGACTTCTTGGAGTGCAGGCAT GTGTAAGTCAAAGCCTGTCTGAAGGACTACTTTGAAATCCAGATCAGAGATGGCCAGGTT CAATGCCTCAACTGCCCAGAACCAAAAGTCCCTTCGGTGGCCACTCCTGGTCAGGTCAA GAGTTAGTGAAGCAGAGTTATTTGCCCGTTATGACCGCCTTCTCCTCCAGTCTCCTTG GACCTGATGGCAGATGTGGTGTACTGCCCGGCGGTGCTGCCAGCTGCCTGTGATGCAG GAACCTGGCTGCACCATGGGTATCTGCTCCAGCTGCAATTTTGCCTTCTGTACTTTGTGC AGGTTGACCTACCATGGGTCTCCCATGTAAGGTGACTGCAGAGAAATTAATGGACTTA CGAAATGAATACCTGCAAGCGGATGAGGCTAATAAAAGACTTTTGGATCAAAGGTATGGT AAGAGAGTGATTCAGAAGGCACTGGAAGAGATGGAAGTAAAGAGTGGCTAGAGAAGAAC TCAAAGAGCTGCCATGTTGTGGAACCTCCATAGAGAAATAGACGGATGTAACAAGATG ACATGTAAGTGGTGTATGCAATATTTCTGTTGGATTTGCATGGGTTCTCTCTAGAGCA AACCTTACAAACATTTCAATGACCCTGGTTCACCATGTTTTAACCGGCTGTTTTATGCT GTGGATGTTGACGACGATATTTGGGAAGATGAGGTAGAAGAC
Restriction Sites:	Please inquire
ACCN:	NM_183399



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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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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>	<a href="#">NM_183399.1</a> , <a href="#">NP_899646.1</a>
<b>RefSeq Size:</b>	2892 bp
<b>RefSeq ORF:</b>	1425 bp
<b>Locus ID:</b>	9604
<b>UniProt ID:</b>	<a href="#">Q9UBS8</a>
<b>Cytogenetics:</b>	5q31.3
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<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 (3) 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>