

## Product datasheet for **SC324733**

### **RNF24 (NM\_001134337) Human Untagged Clone**

#### Product data:

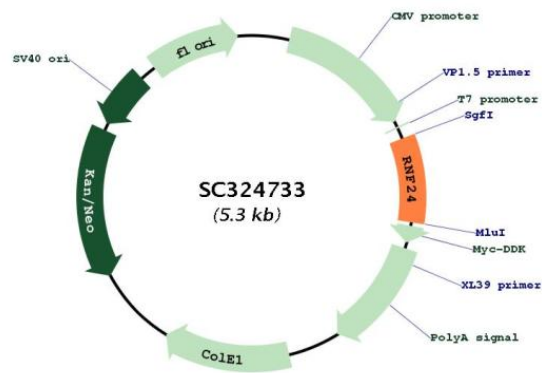
**Product Type:** Expression Plasmids  
**Product Name:** RNF24 (NM\_001134337) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** RNF24  
**Synonyms:** G1L  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >SC324733 representing NM\_001134337.  
**Blue**=Insert sequence **Red**=Cloning site **Green**=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGAGCTCGGATTTCCACATTACAACCTCAGGATGCCTAATATTGGATTCCAGAATCTGCCTCTCAAC
ATATATATTGGTTTTTGGTACTGCTATATTTGTCTTCATCCTTAGTTACTCTTCTGTTGCTACTTG
ATTAGGCTAAGACATCAAGCACAAAAGAATTTATGCCTACAAACAGGTTATATTTAAAGAGAAAAGTA
AAAGAATTGAATTTACATGAGCTCTGTGCAGTGTGCCTAGAAGACTTCAAGCCTCGAGATGAGTTGGGG
ATTTGCCCATGTAAGCACGCCTCCACAGAAAGTGCCTATTAAGTGGCTGGAGGTTTCGTAAGTGTGT
CCCCTGTGCAACATGCCAGTTCTACAGCTGGCCAGTTGCACAGTAAGCAGGACCGTGGACCCCTCAG
GGGCCCTTCTGGGGCAGAGAACATTGTATAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** Sgfl-Mlul



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**Plasmid Map:**


<b>ACCN:</b>	NM_001134337
<b>Insert Size:</b>	447 bp
<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_001134337.2</a>
<b>RefSeq Size:</b>	7374 bp
<b>RefSeq ORF:</b>	447 bp
<b>Locus ID:</b>	11237
<b>UniProt ID:</b>	<a href="#">Q9Y225</a>
<b>Cytogenetics:</b>	20p13
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	17.2 kDa
<b>Gene Summary:</b>	<p>This gene encodes an integral membrane protein that contains a RING-type zinc finger. The encoded protein may interact with multiple transient receptor potential cation channel subfamily C (TRPC) proteins and regulate the trafficking and insertion of these proteins into the plasma membrane. [provided by RefSeq, Mar 2016]</p> <p>Transcript Variant: This variant (2) uses a different segment for its 5' UTR, compared to variant 1. Variants 1, 2 and 4 encode the same isoform (1). Sequence Note: The RefSeq transcript and protein were derived from transcript and genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>