

## Product datasheet for **SC112088**

### **C1orf115 (NM\_024709) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1orf115 (NM_024709) Human Untagged Clone
Tag:	Tag Free
Symbol:	C1orf115
Synonyms:	RDD1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC112088 sequence for NM_024709 edited (data generated by NextGen Sequencing)

```
ATGACGGTGGGAGCCAGGCTCCGAAGCAAGGCGGAGAGCAGCCTCTGCGCCGCGGGCCC  
CGAGGGCGAGGGCGAACCAGGGGGACGAGGAGGCGGCCCATCTGGAGCACCTGGAG  
TACGCGGACGAGGCGGAGGCGGGCCGAGAGCGGGACGAGCGCGCGGACGAGCGGGGC  
CCGGGGACCCGGGGCGCGGAGGGTGCCTTCGCCCTCTGCCGAGCGCTACGAGCCA  
CTGGAGGAGCCGGCGCCGAGCGAGCAGCCAGGAAGAGGTACCGGAGGAAGCTGAAGAAG  
TACGGCAAGAATGTCGGGAAGGTCATCATCAAAGGATGCCGCTACGTGGTCATCGGCCTG  
CAAGGCTTCGCTGCAGCCTACTCCGCCCGTTTGCGGTAGCCACCAGCGTGGTATCCTTC  
GTGCGCTAA
```

Clone variation with respect to NM\_024709.4



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_024709 unedited  
 TCAGAATTTTGTAAACGACTCACTTATAGGGCGGCCGGAATCGGCACGAGCGGACCTT  
 CGCCAGAGGGCCGGGACATCATGACGGTGGGAGCCAGGCTCCGAAGCAAGGCGGAGAGCA  
 GCCTCCTGCGCCGCGGGCCCCGAGGGCGAGGGCGAACCGAGGGGACGAGGAGGCGGCCG  
 CCATCCTGGAGCACCTGGAGTACGCGGACGAGGCGGAGGCGGCCGAGAGCGGGACGA  
 GCGCGCGGACGAGCGGGGCCCGGGGACCCGGGCGCGGAGGGTGCACCTCGCCCTCC  
 TGCCCGAGCGCTACGAGCCACTGGAGGAGCCGGCGCCGAGCGAGCAGCCAGGAAGAGGT  
 ACCGGAGGAAGCTGAAGAAGTACGGCAAGAATGTCGGGAAGGTATCATCAAAGGATGCC  
 GCTACGTGGTATCGGCCTGCAAGGCTTCGCTGCAGCCTACTCCGCCCGTTTGGCGTGC  
 CCACCAGCGTGGTATCCTTCGTGCGCTAATGGGAGCTGCTGTGGCAGGTGCCCCAGAGT  
 GAACGGGAGCCCCTGCTGTGGAACTTTGTGAATCCTGGAGCATCTCAGACTTGAACACA  
 CAGCATATTTGGAAGAGAAAACATGCCTTTCTTTGTTGAATCACATTAGTATGATGAGTG  
 AGTCATCCCTGCCATCTGCTGAGCTTCTCACATCTCTCAGTCACACGTGGACCCAGTGG  
 TCAATCCTGCAGAGAATTCGGCGGAGGTTAGGTTTGGNGAGTGGAGCTAGCGTGTAAAG  
 CCAGAGCCTTCAGTGAAGGTGGCAGGCACTGGGGCGGAAGCCAACACTCAACGATGCAG  
 CAGTGTGGGTGGCACAACGTGNAATCTTGGGGAGGAAAAAGAGATGTCTTAAGCCCA  
 AGAATGGCTGATTCCCTCGAGGGCCTAAGTTGACAGCGCTACATCTGGGG

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_024709 unedited  
 CGTTGGACGCGGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTACATAAATCGAG  
 GCTTTTATTTACATCATAGGACAAGAAAGGATACAAAAGAAGTCTTTGGTCAAGCACAT  
 CAAGCGAAAGCTCTAAAACCTCAATACTCAGTAAGGTGTGGGCACTGATATTGAAAAAAG  
 AAAAAAAGAAAGAAAAGGTAAAAAGTAATCTGTGACACAATCCAAATGCTTACACTC  
 CAGGGATTGAGTAAGAGAAACCCAGGGCAGCCCTGCCACAGAGAATGACGGCTCAGGTTG  
 AGTGACATCTGAGATTATCTTCTGTACCCGTGAACCTGACTCCCAGGACAACCCCTAGG  
 AGGTTTTGACTTTTACATTAGTGAGTTAATTCTTAACCAGATTCTTAAGAATTTAGGG  
 CCAAACAGGCTTGAATGTACGGTTTTTCCAATTTGGGGATGGGAGTGGGGAAGCTTTC  
 CTGGGACAGATTTCCAGGCAAGGAAAGGCCCCAGCAGCTCTGTCCCCTACCCTGGGCTCT  
 GCCTCCATCTCCCACGAGAACTTGTTGGGCTGCCTGGGGCTCGTCAGCAGCCTGCACAG  
 GCTCTCACTCTTTCCCACTCACTATGCTTGGCTTTTTCTTCCACTTATGACTATCTCT  
 CCCTTTCTCCAACACCCAGTGTGTGGGCAAGCTGTAATTATCTCACGTGTGTAAAT  
 GTGCCATATCCACTTTTCATCATCTGGGCTAANACCAAGAACAATTGTTTCACTTTTCTCC  
 AAAAAACAATGCAGGAATTGGTCCCCGTGAATTTTCCATGAAACTGAAGCTTAGGAA  
 AGGAACCAAGTCTAGCCCACCGTTTTCAACCTTTTCCCTACCCCTCCTTTTTTCGGCGG  
 CTTTTCGGCCGCCCGGAGGCTGGTAAAAACACAAGACCGTTGGGCCCTTTTGTCCCT  
 GGAACCCGTCGGGCCTC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_024709

**Insert Size:**

3000 bp

**OTI Disclaimer:**

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).

**Components:**

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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_024709.2](#), [NP\\_078985.1](#)

**RefSeq Size:** 3007 bp

**RefSeq ORF:** 429 bp

**Locus ID:** 79762

**UniProt ID:** [Q9H7X2](#)

**Cytogenetics:** 1q41

**Protein Families:** Transmembrane