

Product datasheet for **SC120173**

CYYR1 (NM_052954) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CYYR1 (NM_052954) Human Untagged Clone
Tag:	Tag Free
Symbol:	CYYR1
Synonyms:	C21orf95
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120173 sequence for NM_052954 edited (data generated by NextGen Sequencing)

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ATGGACGCTCCGAGGCTACCCGTGCGTCCAGGGTCTTGCTTCCGAAGTTGGTCCTGCTC
TTTGTCTACGCAGATGATTGCCTTGCTCAGTGTGGCAAAGATTGCAAATCTTACTGCTGT
GATGGAACCACGCCCTACTGTTGCTCCTACTACGCTTATATTGGGAATATCCTCTCGGGC
ACTGCAATTGCGGGCATTGTCTTTGGAATAGTATTTATCATGGGGGTATTGCTGGGATT
GCCATATGCATCTGCATGTGCATGAAGAACCACAGGGCGACCCGCGTGGGCATCCTCAGG
ACGACTCACATCAACACCGTCTCCTCCTATCCTGGACCACCACCCTACGGTCACGACCAC
GAGATGGAATACTGTGCAGACTGCCTCCTCCATACTCCCCACCCACAGGGTCCAGCA
CAGCGTTCTCCACCCCTCCTTATCCTGAAACGCAAGGAAATAA
```

Clone variation with respect to NM_052954.2
201 t=>c



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_052954 unedited
 TGCACAATAGTAAACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGGCGCCCCAGC
 TCCGCGGAGTCCCGCAGTCGCTGGCCCCGGGACGCGCCCGGGCTCCCTTGGAAAGGC
 TCCCTAGGCAATGGCCGGGTCTCTGCTCCACCCGGCTCTCAGGAGCGCTGCTCTCTCCAT
 CTGATCGCCCTCCATCTCCCCATTCCCTCCGGTTCGGGGCTCTCCCTTCGCTCCAAGCC
 TCAGGCCACCGGCTTGGATGGACGCTCCGAGGCTACCCGTGCGTCCAGGGGTCTTGCTTC
 CGAAGTTGGTCTGCTCTTTGTCTACGCAGATGATTGCCTTGCTCAGTGTGGCAAAGATT
 GCAAATCTTACTGTGTGATGGAACACGCCCTACTGTTGCTCCTACTACGCTTATATTG
 GGAATATCCTCTCGGGCACTGCAATTGCGGGCATTGTCTTTGGAATAGTATTTATCATGG
 GGGTCATTGCTGGGATTGCCATATGCATCTGCATGTGCATGAAGAACCACAGGGCGACCC
 GCGTGGGCATCCTCAGGACGACTCACATCAACACCGTCTCCTCTATCCTGCAGGACCAC
 CACCCTACGGTCACGACCAGAGATGGAATACTGTGCAGACTTGCCCTNCTCCATACTCCC
 CCACCCACAGGGTCCAGCACAGCGTTCTCCACCCCTCCCTATCCTGAAAACGCAGGNA
 AATNATCTATCTCCAGGACAGAACATGTGCTAATGGGCGATCTTGCTGGAATAAATTG
 CTCTACTAANAACCAGCACGCAAGAATGCTCCAAGGAATACTTTTGGGGTAGATATGGGT
 CAGTGGAAATCCCGCTAGAGAAAAGAGATTTCTACTTGCTAAAACACCCCTCGGGATA
 TAAATGTTGGTTTTAGGAACCCCTTTAAAAAACCGTGACCCACCAACCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_052954 unedited
 NCCTCGATATTACCATGNACCGCGNCCGCGTTTCNANNGATCGATTTTTTTTTTTTTTTT
 TTTAATCTGTGTATAATAGGTTCTTTCACTTTATTGCTTATTGTAACACTTTGGCCAT
 AGCAAATGTTAGTTTTTAAATAACCGTAATTCAAAACCTTTCACATCTATACTATTTTTTC
 CCCAAGAAGCATCATCTATGAAAACAATCAGTGAACCTCAACAGTCTATACTGGTAAATGT
 GCACATTGATGCTATTATGACACTTAATACAAATAGTAAAAATACTCATCTATTGTAGGC
 TTATGGGTTTGTAAAATGCCTTAAGGGAGGCCATAAAACAACCTCAAAGAAGAGATGGTGTG
 GACTGAACTGGCTTCTATTTGGGGAAAATTTGCAGAATATAGGAGGTACGCAATAAATGT
 TTATTGATGGTGAAGATGAGAAAACCTATTTCTGCTGATCTTTCCCTTTCCGTTTTCTT
 AAAGAATATAAGGTATATTTGTATTAGCATTCTCAGAATCATCACAGAAAACCTGGCAC
 TTTGAGAGTCTTAGCCACAGTGAATTGGGTCTGACCACAGCAGAAAGAAAATAAATTA
 AAGCATATGACTATTAATAATGCACTGAAAACCTTTATGTAAGTCAGGGAGCCCCCTCACC
 AGAACAGGCTGAAACTCTTGAATGCTTTGCATCCTCATATATAAGAAAATCATCAGTGCT
 TAAAGATCAAGGAAGTCATTCAAAAACAATTCAGCCTTTGGACCTTACTGGCAGGTAGGT
 TATATTTAGTCAGATCAATATCTTTCTAATATAGGTATTTGAAAGTTATATATGCTACT
 TATAATAATGATATAGTAAGCCTCCTTATCTGCAAGTACAGGTACTATAACTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_052954

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_052954.2](#), [NP_443186.1](#)

RefSeq Size: 3094 bp

RefSeq ORF: 465 bp

Locus ID: 116159

UniProt ID: [Q96J86](#)

Cytogenetics: 21q21.3

Protein Families: Transmembrane