

Product datasheet for **SC114683**

CCZ1 (NM_015622) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCZ1 (NM_015622) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCZ1
Synonyms:	C7orf28A; CCZ1A; CGI-43; H_DJ1163J12.2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC114683 sequence for NM_015622 edited (data generated by NextGen Sequencing)

```
ATGGCTGCAGCGGCGGCCGGGGCCGGGAGCGGGCCCTGGGCGGCCAGGAGAAGCAGTTC
CCGCCGGCGCTGCTGAGTTTCTTCATCTACAACCCGCGCTTCGGGCCGCGCAAGGACAG
GAGGAAAAATAAGATTTTATTTTATCATCCAATGAGGTAGAAAAGAAATGAGAAGATTAGA
AATGTCGGATTGTGTGAAGCTATTGTACAGTTTACAAGGACATTTAGCCCATCAAAACCT
GCAAAATCTTTACATACACAGAAGAACAGACAGTTCTTCAATGAACCAGAAGAAAATTTT
TGGATGGTCATGGTTGTTTCGGAATCCTATAATTGAAAAACAGAGTAAAGATGGAAAACCA
GTTATTGAATATCAAGAGGAGGAGTTGTTGGACAAGGTTTATAGCTCGGTGCTGCGGCAG
TGCTACAGCATGTACAAGCTTTTAAATGGTACATTTCTGAAAGCCATGGAAGACGGAGGC
GTCAAGCTTCTGAAAGAAAGATTAGAGAAATCTTCCATCGGTATTTGCAAACGCTACAT
TTGCAGTCATGTGACCTACTTGACATTTTGGTGAATCAGCTTCTTCCCGTTGGATAAA
ATGACTTATTTGAAATCCAGTCCTTTATTAATAGAATGGAGGAAAGCCTGAATATAGTC
AAATACACTGCTTTTCTATAACGATCAGCTTATCTGGAGTGGATTAGAACAAGATGAC
ATGAGAATTTTATACAAATACCTTACCACCTCCCTTTTCCAAGGCACATCGAACCTGAG
TTAGCAGGAAGGATTCTCCAATAAGAGCAGAAATGCCAGGAAATCTTCAACACTATGGA
AGATTTCTTACCGACCTTGAACCTCAATGATCCAGATGCAAAATGCAGATTCCTCAAA
ATTTTTGTAAATACAGATGACACTTATGAAGAGCTCCATTTAATCGTTTATAAGGCCATG
AGTGCGGCTGTGTGCTTTATGATCGACGCTCTGTCCACCAACGTTGGATTTTGGCGA
AGACTGGACAGCATCGTTGGGCCCCAGCTCACAGTGCTGGCCTCTGACATCTGTGAACAG
TTTAACATCAACAAGAGGATGTCTGGGTCTGAGAAAGAACCCAGTTTAAAGTTTATCTAC
TTCAACCATGAATCTCGCCGAGAAGAGCACAGTTCACATGAGGAAAACGCCAGCGTG
TCGCTCACTTCCGTGCACCCGGATTTAATGAAGATTCTCGGTGACATCAACAGTGACTTT
ACCAGAGTGGATGAAGATGAGGAGATCATTGTGAAGGCCATGAGTGATTACTGGGTGTT
GGAAAGAAGTCTGATCGGCGGGAGCTCTATGTTATTTGAATCAAAAAATGCAACCTG
ATTGAAGTAAATGAAGAGGTCAAGAACTTTGTGCAACGCAGTTCAACAACATCTTCTTC
TTGGATTGA
```

Clone variation with respect to NM_015622.5
693 c=>t;759 t=>c;1104 c=>t

5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_015622 unedited
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCCGGTGGCTGCT
GTCTCTGGGCGGGCCGTGGGAGGCTCCCGAGGTGGGGCCGGGGCGGGATGGCTGCAGCG
GCGGCCGGGGCCGGGAGCGGGCCCTGGGCGGCCAGGAGAAGCAGTTCCTCGCCGGCGCTG
CTGAGTTTCTTCATCTACAACCCGCGCTTCGGGCCGCGGAAGGACAGGAGGAAAAATAAG
ATTTTATTTTATCATCCAATGAGGTAGAAAAGAAATGAGAAGATTAGAAATGTGCGATTG
TGTGAAGCTATTGTACAGTTTACAAGGACATTTAGCCCATCAAAACCTGCAAAATCTTTA
CATACACAGAAGAACAGACAGTTCTTCAATGAACCAGAAGAAAATTTCTGGATGGTCATG
GTTGTTTCGGAATCCTATAATTGAAAAACAGAGTAAAGATGGAAAACAGTTATTGAATAT
CAAGAGGAGGAGTTGTTGGACAAGGTTTATAGCTCGGTGCTGCGGCAGTGCTACAGCATG
TACAAGCTTTTAAATGGTACATTTCTGAAAGCCATGGAAGACGGAGGCGTCAAGCTTCTG
AAAGAAAGATTAGAGAAATCTTCCATCGGTATTTGCAAACGCTACATTTGCAGTCATGT
GACCTACTTGACATTNTTGGTGAATCAGCTTCTTCCCGTTGGATAAATGACTTATTTGA
AAATCCAGTCCTTTATTAATAGAATGGAGGANAGCCTNGATATAGTCAAATACACTGGCT
TTCTCTATAACGATCAGCTTATCTGGAGTGGATTAGAACAGATGACATGAGAATNTATAN
CAATACCTTTACCACCTCTTTTCCAGGCACATCNGACCTGAGTAGCAGGANGGGGATC
TCATAGAGCAGAATGCCAGAAAATCTCACACTTGGNAGATTCTTACCGGACCTTNNGACT
CATGATCAGAGCAANTGCGATTCCCAATA
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015622 unedited <pre> AGCTCTGGACCGCGCGCCGAATCTAGGGATCGGTTTTTTTTTTTTTTTTTTTTTAAAA ACTTTTAACAATTTATTAGTCTTATTTTCCAGTAAAATATTACATAATGTCAAAAGAAT GAAATGATAGCGATATAGCCAACACCTTTAATTAATTCACATAAATATTTAAATCTA AAAACCTCAGATCAGCAGACCGAGTCGAAATGTGATTCTTCAAAGCAAGTATTGCTTTAC CCTTGCTCTGAATGCAGTCCGTCATATGACCACTAACTTGCATGTGACCAATGTTTGCA GAGTGTGTTTTAGATATGCTCTCGGTGAGCCGTCATCCGTCATCCAAGAAGAAGATGTT GTTGAACGTGCGTTGCACAAAGTTTCTTGACCTCTTCATTTACTTCAATCAGGTTTGCAAT TTTTGATTCAAATAACATAGAGCTCCCGCGATCAGACTTCTTTCAAACAACCCAGTA ATCACTCATGGCCTTCACAATGATCTCCTCATCTTCATCCACTCTGGTAAAGTCACTGTT GATGTCACCCGAGAATCTTCATTAATCCGGGTGCACGGAAGTGAGCGACACGCTGGGCG TTTTCTCATGTGAAGTGTGCTCTTCTCGGCGAGATTCATGTGTTGAAGTAGATAAACT TAAACTGGGGTCTTTCTCAGACCCAGACATCCTCTTGTGATGTTAACTGTTACAGA TGTAAGAGGCCAGCACTGGGAGCTGGGGCCCAACGATGCTGTCCAGTCTCGGCCAAAAA TCCACCGGTGGGTGGACAGAGGCGTCCATCATAAGCACAAAGCCGCACTCATGGCCTTAA ACGATAAATGGAGCTCTCATAGGTCATCTGTATTAAACAAATTTGGGGGAATTGCATTT GCATTGGGACCTTGAGGTCAAGGTCCGGCAGAACCTTCCTAATGTGAAG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_015622
Insert Size:	1870 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_015622.5 , NP_056437.4
RefSeq Size:	1834 bp
RefSeq ORF:	1449 bp
Locus ID:	51622
UniProt ID:	P86790
Cytogenetics:	7p22.1
Gene Summary:	Acts in concert with MON1A, as a guanine exchange factor (GEF) for RAB7, promotes the exchange of GDP to GTP, converting it from an inactive GDP-bound form into an active GTP-bound form (PubMed:23084991).[UniProtKB/Swiss-Prot Function]