

Product datasheet for **SC114493**

CGI 62 (ZC2HC1A) (NM_016010) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CGI 62 (ZC2HC1A) (NM_016010) Human Untagged Clone
Tag:	Tag Free
Symbol:	CGI 62
Synonyms:	C8orf70; CGI-62; FAM164A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114493 sequence for NM_016010 edited (data generated by NextGen Sequencing)

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ATGGAGGACTGGAAGAGAATGGAGGTGTTGTCCAAGTTGGAGAATTGTTACCTTGAAG
ATTTGTGGAAGAACATTCTTTCCAGTAGCATTAAAAAATGACCCATTTGCCAGAAG
ACTGCAACTAAAAACGGAAGACTTTTGTATTCAAGCAGACAGAGAGCTGAAGGAAGTAT
ATTCCAACAGTAAAACCTCTCAAACCGAGGCCAGAACCCAAAGAAACCATCTAATTGG
AGAAGGAAACATGAAGAATTCATTGCTACCATAAGAGCAGCTAAAGGCCTTGATCAGGCC
CTCAAAGAGGGTGGCAAACCTTCTCCTCCTCCTCCACCTTCTTATGATCCTGATTATATT
CAATGTCCATATTGTCAGAGGAGATTCAATGAAAATGCAGCTGATAGACATATAAATTTCT
TGTAAGAAGACAGGCAGCACGTATTAGTAATAAAGGGAAAATTTCTACAGATACCAAAGGA
AAACCAACTTCTCGGACACAGGTGTATAAGCCACCCGCACTTAAAAAGTCAAATTTCTCCT
GGAAGTGCATCATCAGGATCTTACGATTACCGCAGCCAAGTGGCGCTGGCAAAACTGTT
GTAGGTGTTTCCCTCAGGTAAAGTGTCTTCAAGTAGCAGCTCTTTGGGAAACAAACTTCAG
ACCTTGTCTCCCTCTCATAAAGGGATAGCAGCCCTCATGCAGGAGCTAATGTCAAACCC
CGAAATTCACACCACCTAGTTTGGCAAGAAATCTGCCCCAGGTGTGCTTACAAACAAA
AGAAAAACATATACTGAGAGCTACATAGCCAGGCCAGATGGGGACTGTGCATCTTCCCTT
AATGGTGGAAATATTAAGGCATTGAAGGACATTACCTGGAAACTTACCAAATTTCTGC
CATGAGTGTGGGACTAAATACCTGTAGAATGGGCCAAATTTTGTGTGAATGTGGCATT
CGAAGAATGATTCTATGA

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Clone variation with respect to NM_016010.2
666 a=>g



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016010 unedited</p> <pre>TCAGCATTTGTATACGACTCACTATAGGCGGCCGCGCAATTCGCACGAGGGTGCGGCTGG GTTGCTACAGCCAGAGCTGGGCGGTGGCGGGCGCTGCTGAAGGAGTCTCGCTGAGCTCGA GGAGGTGGCGCATGGAGGGACTGGAAGAGAATGGAGGTGTTGTCCAAGTTGGAGAATTG TTACCTTGCAAGATTTGTGGAAGAACATTCTTTCCAGTAGCATTAAAAAACATGGACCC ATTTGCCAGAAGACTGCAACTAAAAACGGAAGACTTTTGATTCAAGCAGACAGAGAGCT GAAGGAAGCTGATATCCAACAGTAAAACCTCTCAAACCGAGGCCAGAACCACCAAGAAA CCATCTAATTGGAGAAGGAAACATGAAGAATTCATTGCTACCATAAGAGCAGCTAAAGGC CTTGATCAGGCCCTCAAAGAGGGTGCCAAACTTCTCCTCCTCCTCCACCTTCTTATGAT CCTGATTATATCAATGTCCATATTGTCAGAGGAGATTCAATGAAAATGCAGCTGATAGA CATATAAATTTCTGTAAAGAACAGGCAGCACGTATTAGTAATAAAGGGAAATTTTCTACA GATACCAAAGGAAAACCAACTTCTCGGACACAGGTGTATAAGCCACCCGCACTTAAAAAG TCAAATTTCTCCTGGAAGTGCATCATTAGGATCTTACGATTACCGCAACCAATTGCGCTG GCAAAACTGTGTAAGTGTCCCTTCAGTTAAGTGCCTTCAATTACAGCTTTTTTGGGAA CACACCTTTAGACCTTGTTCCTTCTAAAGGGATAGCCACCCCTTATGCAGGAGCTAA TGTTCAAACCCCAAAATTCCTCCACCTAATTTGGCAAGAAATCCTGCCCCAGTTGTGCTT CACACAAAATAAACCTATTCTGAGAGCTCTCTATC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016010 unedited</p> <pre>GACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGAGATTCTATTCATAGA ATCATTCTTGAATGCCACATTCACAGCAAAATTTGGCCATTCTACAGGGTATTTAGTC CCACACTCATGGCAGAATTTGGTAAGTTTCCAGGTGAATGCCTTCAATGCCTTAATA TTTCCACCATTAAGGGAAGATGCACAGTCCCATCTGGCCTGGCTATGTAGCTCTCAGTA TATGTTTTTCTTTGTTGTAAGCACACCTGGGGCAGGATTTCTTGCCAAACTAGGTGGT GTGGAATTTGGGGTTTACATTAGCTCCTGCATGAGGGGCTGCTATCCCTTTATGAGAG GGAGACAAGGTCTGAAGTTTGTTCCTCCAAAGAGCTGCTACTTGAAGACACTTTACCTGAA GGAACACCTACAACAGTTTTGCCAGCGCCACTTGGCTGCGGTAATCGTGAAGATCCTGAT GATGCAGTTCAGGAGAATTTGACTTTTTAAGTGCGGGTGGCTTATACACCTGTGTCCGA GAAGTTGGTTTTCTTTGGTATCTGTAGAAAATTTCCCTTTACTAATACGTGCTGCC TGTTCTTTACAGAAATTTATATGTCTATCAGCTGCATTTTCATTGAATCTCCTCTGACAA TATGGACATTGAATATAATCAGGATCATAANAAGGTGGAGGAGGGAAGAATTTGCCA CCCTCTTTGAGGGCCTGATCAAGGCCTTTAGCTGCTCTTATGGTACCCATGAATTCCTCC ATGTTCCCTCTCAAATANATGGTTCTTTGGTGGTTCTGGCCTTCGTTTGAGAGTTTAC TTGTGAATATCAGTTCCTCACTCTCTGTCTGTTGAATCAAAGTCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016010
Insert Size:	1100 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_016010.1](#), [NP_057094.1](#)

RefSeq Size: 1243 bp

RefSeq ORF: 978 bp

Locus ID: 51101

UniProt ID: [Q96GY0](#)

Cytogenetics: 8q21.13

Domains: zf-C2H2