

## Product datasheet for **SC324579**

### 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: | Neomycin  |
| Vector:                   | pCMV6-AC (PS100020)                               |
| E. coli Selection:        | Ampicillin (100 ug/mL)                            |

**Fully Sequenced ORF:** >OriGene sequence for NM\_016010.1  
 CGCTGAGCTCGAGGAGTGGCGCGATGGAGGGACTGGAAGAGAATGGAGGTGTTGTCCAA  
 GTTGGAGAATTGTTACCTTGCAAGATTTGTGGAAGAACATTCTTCCAGTAGCATTAAAA  
 AACATGGACCCATTTGCCAGAAGACTGCAACTAAAAACGGAAGACTTTTGATTCAAGC  
 AGACAGAGAGCTGAAGGAAGTATATTCCAACAGTAAACCGCTCAAACCGAGGCCAGAA  
 CCACCAAAGAAACCATCTAATTGGAGAAGGAAACATGAAGAATTCATTGCTACCATAAGA  
 GCAGCTAAAGGCCTTGATCAGGCCCTCAAAGAGGGTGGCAAACCTCCTCCTCCTCCTCA  
 CCTTCTTATGATCCTGATTATATCAATGTCCATATTGTCAGAGGAGATTCAATGAAAT  
 GCAGCTGATAGACATATAAATTTCTGTAAGAAGCAGGCAGCACGTATTAGTAATAAAGGG  
 AAATTTTCTGCAGATACCAAAGGAAAACCAACTTCTCGGACACAGGTGTATAAGCCACCC  
 GCACTTAAAAAGTCAAATTCCTGGAAGTGCATCATCAGGATCTTCACGATTACCGCAG  
 CCAAGTGGCGCTGGCAAACTGTTGTAGGTGTTCCCTTCAGGTAAGTGTCTTCAAGTAGC  
 AGCTCTTTGGGAAACAACTTCAGACCTTGTCTCCCTCTCATAAAGGGATAGCAGCCCCT  
 CATGCAGGAGCTAATGTCAAACCCGAAATTCACACCACCTAGTTTGGCAAGAAATCCT  
 GCCCCAGGTGTGCTTACAACAAAGAAAAACATATACTGAGAGCTACATAGCCAGGCCA  
 GATGGGGACTGTGCATCTCCCTTAATGGTGGAATATTAAGGCATTGAAGGACATTCA  
 CCTGGAACCTTACCAAAATCTGCCATGAGTGTGGGACTAAATACCCTGTAGAATGGGCC  
 AAATTTTGCTGTGAATGTGGCATTGGAAGAATGATTCTATGAATAGAATCTCAAAAAAAA  
 AAAAAAAGCCAAGTTCAGAGTTTATGATTATTGCTGCTTGGACAGCTAGAGCACATCC  
 TCTAGTTAGTTTGTGCTAAAAATACTCGAAATACCATTTCCAGTTAATTTGAAGTGTA  
 TCTTTTGGCTATATAATGTGTATGTTTATATGTGTACATATACTGTATATAATAAATA  
 TCTGATACCCCAAAAAAAAAAAAAAAAA

|                    |                |
|--------------------|----------------|
| Restriction Sites: | Please inquire |
| ACCN:              | NM_016010      |



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|                               |   |
|-------------------------------|---|
| <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>                | <u><a href="#">NM_016010.1</a></u> , <u><a href="#">NP_057094.1</a></u>   |
| <b>RefSeq Size:</b>           | 1243 bp   |
| <b>RefSeq ORF:</b>            | 978 bp  |
| <b>Locus ID:</b>              | 51101   |
| <b>UniProt ID:</b>            | <u><a href="#">Q96GY0</a></u>   |
| <b>Cytogenetics:</b>          | 8q21.13   |
| <b>Domains:</b>               | zf-C2H2   |