

## Product datasheet for **SC326157**

### **CCDC154 (NM\_001143980) Human Untagged Clone**

#### **Product data:**

|                           |                                             |
|---------------------------|---------------------------------------------|
| Product Type:             | Expression Plasmids                         |
| Product Name:             | CCDC154 (NM_001143980) Human Untagged Clone |
| Tag:                      | Tag Free                                    |
| Symbol:                   | CCDC154                                     |
| Synonyms:                 | C16orf29                                    |
| Mammalian Cell Selection: | Neomycin                                    |
| Vector:                   | pCMV6-Entry (PS100001)                      |
| E. coli Selection:        | Kanamycin (25 ug/mL)                        |



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**Fully Sequenced ORF:** >SC326157 representing NM\_001143980.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGC
ATGTCAGAGTTGGCTGACAGTGGACCCTCAGGGGCATCGGCCCTTCCCAGCTGAGAGCCGTCAACCTG
GAAGACCTGGGGCTCCTCCTGGCAGGAGCCTGGCCAGCCCCAGCCCTTGAGCCTGGAGGAGCTCTCG
GAGAGGTATGAGTCCAGCCATCCGACATCCACGGCCTCTGTCCCCGAGCAGGACACCGCCAAGCACTGG
AACCAGCTGGAGCAGTGGTGGTGGAGCTGCAGGCCGAGGTGGCCTGCCTGCGGGAGCACAGCAGCGC
TGTGAGCGCGCCACGCGGAGCCTGCTGCGGGAGCTGCTCCAGGTGCGGGCCCGCTGCAGCTGCAGGGC
TCAGAGCTGAGGCAGTTGCAGCAGGAGGCGCGCCGCGCAGCCAGGCCCCGAAAAGGAGGCGCCGGAG
TTCTCTGGTCTCCAGAACCAGATGCAGGCCCTGGACAAAAGGCTGGTGGAGGTCCGGGAAGCCTTGACC
CGGCTCAGGAGGAGGCAGGTGCAACAGGAGGCGGAGAGAAGGGGCGCCGAGCAAGAGGCCGCGCTCAGA
CTGGCCAAGCTGACCGACTTGTGCAGCAGGAGGAGCAGGGCCGGGAGGTGGCCTGCGGCCCTGCAG
AAGAACCAAGAGGACAGCAGCCGAGGGTGGACCTGGAGGTGGCCAGAATGCAGGCCAGGTGACCAAG
CTCGGCCAAGAGGTGAGCCTGCGCTTCTGAAGAGGGAGGCCAAGCTGTGCGGCTTCTGCAGAAGAGC
TTCTTGCCCTGGAGAAGAGAATGAAGGCTCGGAGAGCTCACGGCTGAAGCTGGAGGGCAGCCTGCGG
GGCAGCTGGAGAGCCGGTGGGAGAAGCTTCGGGGCTGATGGAGGAGCGCCTGCGGGCCCTGCAGGGG
CAGCATGAGGAGAGCCACCTCCTGGAGCAGTGCCAGGGCCTGGATGCTGCCGTGGCCAGCTGACCAAG
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GGGCGCTTGGAGGAAAGCCGGCTGGGGAGCTGGCCGCTATGTGCAGGAGAACCTGGAGGCCGACAG
CTGGCTGGCGAGCTGGCCCGCAGGAGATGCATGGAGAGCTGGTGTCTCCGAGAGAAGAGCCGGGCT
CTGGAGGCATCCGTGGCGCAGCTGGCCGGGCAGTTAAAGGAGCTGAGTGGCCATCTCCCGCTCTGAGC
AGCCGGCTCGATCTGCAGGAGCAGATGCTGGGCTCAGGCTGTCCGAGGCAAGACCGAATGGGAAGGT
GCAGAGAGGAAGTCCCTGGAGGACCTGGCCAGGTGGCGGAAGGAGGTGACCGAACACCTGCGAGGGGTG
CGGAGAAGGTGGATGGCCTCCCCAGCAGATAGAGAGTGTCTCCGACAAGTGCCTGCTTCATAAGAGC
GACTCAGACCTCAGGATTTCCGCCGAAGGCAAGGCCAGGAGTTCAAGTTGGGGCCCTGCGGCAGGAG
CTGGCCACGCTACTATCATCCGTGCAGTGCTAAAGGAAGACAACCTGGGCGGAAGATCGCGGAGATG
CAGGGCAAGCTGGCCACGTTTCAGAACCAATAATGAAGCTGGAAACTGCGTCCAGGCCAACAGACC
ATCCAGAACCTCAGGTTCAACACTGAGGCCCGGCTGCGCACGCAGGAGATGGCCACCCTGTGGGAGAGT
GTGCTCCGGCTGTGGAGTGAGGAGGGCCCGCGACGCCGCTGGGAGCTGGAAGGCGCTCCCATCCCTG
GTGAGGCCGCGGGTCTTCATCAAGGACATGGCGCCTGGCAAGGTGGTGCCTATGAAGCTGTGGGGCGTG
TACCAGGCTGTGAGGTGGCTGCGCTGGAAGGCGTCCCTCATAAAGCTCAGGGCCCTGCGGAGGCCAGGA
GGGGTCTTGAGAAGCCCCACAGCCAGGAGCAGGTGCAGCAGCTCACACCCTCACTGTTTATCCAGAAA
TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
```

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001143980

**Insert Size:** 2004 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).

**OTI Annotation:** 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>NM_001143980.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 2191 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2004 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 645811                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u>A6NI56</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 16p13.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MW:</b>                    | 75.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |