

## Product datasheet for **SC327154**

### **CCDC120 (NM\_001163322) Human Untagged Clone**

#### **Product data:**

|                           |                                             |
|---------------------------|---------------------------------------------|
| Product Type:             | Expression Plasmids                         |
| Product Name:             | CCDC120 (NM_001163322) Human Untagged Clone |
| Tag:                      | Tag Free                                    |
| Symbol:                   | CCDC120                                     |
| Synonyms:                 | JM11                                        |
| Mammalian Cell Selection: | None                                        |
| Vector:                   | <u>pCMV6-XL5</u>                            |
| E. coli Selection:        | Ampicillin (100 ug/mL)                      |



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| <b>Fully Sequenced ORF:</b> | <p>&gt;NCBI ORF sequence for NM_001163322, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGAAGTCAAAGCTGCCCTGTTCTGGAGAGGCTGCCCCCAGGTGAAGTCAGAGCGTCTG CGGGGGCTGCTTGACCGGCAGCGGACCCCTGCAGGAGGCCCTGAGCCTGAAACTTCAGGAG CTCCGCAAAGTGTGTCTCCAGGAGGCGGAGCTGACTGGCCAGCTGCCCCCTGAGTGCCCA CTAGAGCCTGGTGAACGGCCCCAGTTGGTCCGCCGGCGGCCCCCACAGCCCGCGCTAC CCTCCACCGCACCCCAACCAAGCACACCACTCCTTGTGCCCTGCTGAGGAGCTGGCTCTT GAGGCCCTGGAACGCGAGGTGTCAAGTGAACAGCAGATCGCGGCGGCCCGCCGCGCCTG GCCTTGCGCCCTGATCTGAGCACCGAGCAGCGCGCGCGCGCCAGGTCCAGGAGAT GCACTGAGGAGGCTGCATGAGCTAGAGGAGCAGCTCAGGGATGTCCGGGCGCGCCTTGCC CTCCAGTGCTCCCGCTGCCCCAGCCACTGCCACTGTCCACGGGGTCAGTGATCACCACC CAGGGAGTCTGCTGGGCATGCGTCTTGCTCAGCTCAGCAAGAGGACGTAGTTCTGCAC TCAGAGAGCAGTCCCTCTCAGAGTCTGGGGCCAGCCATGACAACGAGGAGCCCCATGGC TGCTTCTCTCTGGCCGAGCGCCCTCACCACCAAGGCTTGGGACCAGTGCAGGAGCA TCTGGGGGAGCCCTGAGCGGCGAACCCTGGAACACCTCCATCAGATCTTTATGGG GATCTGAAGAGCGGCGGAACCTCTGTGGCCAGCCCCACAGCCCCACACGCTCGCTGCC AGGAGTGCTCCAGTTTTGAGGGGCGAAGTGTGCTGCCACCCCTGTCTCACCCGGGGC GCTGGCCCCCAGCTCTGCAAACCTGAAGGCCTTATTCTCGTCAGTGGTCCGGCAGCCAG GACTCCAGATGGGCTTCCCCGGGCGGACCCTGCCTCCGATCGCGCCTCCCTCTTCGTA GCTCGACCCGCGCAGCAACAGTTCTGAGGCCCTGCTGGTGGACCGGGCCGCTGGTGGG GGAGCTGGCTCCCGCCTGCCCCCTGGCTCCCTCTGCCTCTGGCCCCCAGTCTGCAAG AGCAGTGAGGTGCTGTATGAGCGCCCCCAACCAACCCCTGCCTTCTCTCCCGCACAGCA GGCCCCCAGACCCTCCCGGGCGCGCCGCTAGCTCAGCTGCCCTGCCTCCCGAGGT GCCCCCGGCTCCACCTGTGTGTGGAGACTTCTCTTGACTATTCTTGAGACCGGGC CTGCCCCGCAAGTGGCGGTGGAACAGGCTGGGGGAGCTGCCGCTGCAGTGAGGTCCCA GGACCCCTCTCCCGCGGGATGGGCTCCTCACCATGCTCCCGGCGCCACCACCTGTGTAT GCAGCTGACAGCAACAGCCCCCTCCTCCGACCAAGGACCCCCACACCCGTGCCACCCGC ACTAAGCCCTGTGGCCTGCCCCCAGAGGCTGCCGAAGGCCCTGAGGTGCATCCAAACCT CTGCTGTGGATGCCCCCACCACCCGATCCCTCGGCTGGTGAACGCAGTGCCACAAG AACCTGGCTCTGGAGGGGCTGCGGGACTGGTACATCCGGAACCTCGGACTGGCTGCGGGG CCCCAGCGCCGGCTGTGCTCCCTTCCGTGGGCGCGCCACACCCACCTTCTCCATGCC CGCTGCTATGAGGTGGGCCAGGCGCTGTACGGGGCCCCAGCCAGGCGCCACTCCACAC TCGAGGAGTTTACGGCGCCCCCTGTCTCTGGCAGATACTACGGGACTTCTGTATCCC CCGGAGCTGAGCGCTCGTTAAGTGACCTGACGCTAGAGGGGAGCAGTCTCCAGTTCT GACACCCAGACCCCGGGGACACTGGTC </pre> |
| <b>Restriction Sites:</b>   | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ACCN:</b>                | NM_001163322                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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| <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_001163322.1, NP_001156794.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 3574 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 1950 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 90060                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u>Q96HB5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | Xp11.23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Summary:</b>          | <p>This gene encodes a protein that contains a coiled-coil domain. Several alternatively spliced transcript variants encoding multiple isoforms have been found for this gene. [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and coding sequence and lacks an alternate in-frame segment compared to variant 1. The resulting isoform (2) is shorter at the N-terminus and missing a 12 aa internal segment compared to isoform 1.</p>                               |