

## Product datasheet for **SC108032**

### C9orf30 (MSANTD3) (NM\_080655) Human Untagged Clone

#### Product data:

|                           |                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                               |
| Product Name:             | C9orf30 (MSANTD3) (NM_080655) Human Untagged Clone                                                |
| Tag:                      | Tag Free                                                                                          |
| Symbol:                   | C9orf30                                                                                           |
| Synonyms:                 | C9orf30; L8                                                                                       |
| Mammalian Cell Selection: | None                                                                                              |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                  |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                            |
| Fully Sequenced ORF:      | >NCBI ORF sequence for NM_080655, the custom clone sequence may differ by one or more nucleotides |

ATGCAAAACAACGAAATTATAAAGCCTGCCAAATACTTCTCAGAATTGGAAAAGAGCATCCTGCTGGCTT  
TAGTAGAAAAGTATAAATATGTGCTGGAATGTAAGAAAAGTGATGCGCGAACTATTGCCCTTAAGCAGCG  
TACCTGGCAGGCGCTGGCCACGAATACAACCTCTCAGCCAGCGTGTCCCTGCGGGATTTCAAACAGCTG  
AAGAAGTGCTGGGAGAACATCAAGGCTCGGACCAAAAAAATTATGGCCCATGAAAGGAGAGAGAAAGTGA  
AACGGAGCGTCAGCCCTCTCCTGAGTACCCACGTCCTAGGGAAGGAGAAGATCGCCAGCATGCTGCCGA  
GCAGCTCTACTTCTGCAGAGCCCCCGGAGGAGGAGCCGAATACCACCCGACGCCTCAGCCCAAGAA  
TCATTTGCTGTTTCAAATAGAGAACTGTGCGATGATGAGAAAGAGTTCATACATTTTCCAGTATGTGAGG  
GGACCTCTCAACCTGAACCCTCGTGTTTCAGCTGTGAGAATAACAGCCAATAAAAACTACAGGAGCAAAAC  
CTCTCAGGAAGGTGCTTTAAAAAAGATGCATGAGGAAGAACACCATCAACAAATGTCCATCTTACAACCTG  
CAACTGATACAAATGAATGAGGTGCATGTGGCCAAAATCCAGCAGATAGAGCGAGAGTGTGAGATGGCAG  
AGGAGGAACACAGGATAAAAAATGGAAGTTCTCAATAAAAAAGAAGATGATTGGGAAAGAAAACACAAAC  
TTTACCAAGGAATGGCCTGTTTCCTCATTTAACCGGCCCTTTCCCAATTCGCCCTAA



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|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_080655 unedited</p> <pre> GGTTCAAATTTGTAAACGACTCATATAGGGCGGCCGGAATTCGCACNNGGGGTTTTTCGG GCCGAGCCGCTGCGACCCCGCCTTGCAGGCTGGGCGCCGGCGCCGCTCTGCGCGCC GCGATGGGACTCGGATAGCTAGCGGCCAGGAGAAATACAGTGGAATGCAAAACAACGA AATTATAAAGCCTGCCAAATACTTCTCAGAATTGAAAAGAGCATCCTGCTGGCTTTAGT AGAAAAGTATAAATATGTGCTGGAATGTAAGAAAAGTGATGCGCGAACTATTGCCCTTAA GCAGCGTACCTGGCAGGCGCTGGCCACGAATACAACCTCAGCCAGCGTGTCCCTGCG GGATTTCAAACAGCTGAAGAAAGTCTGGGAGAACATCAAGGCTCGGACCAAAAAAATTAT GGCCCATGAAAGGAGAGAGAAAGTGAAACGGAGCGTCAGCCCTCTCCTGAGTACCCACGT CCTAGGGAAGGAGAAGATCGCCAGCATGCTGCCGAGCAGCTCTACTTCTGCAGAGCCC CCCGGAGGAGGAGCCGAATACCACCCGACGCCTCAGCCCAAGAATTAATGTGAGGGA GTCTGACGTAAGAGTTTGTGATGAGTCATCATGTAATATGGAGGAGTCTGTAAAGAAGA TGGAGATGGTTTGAAATGTGCATGCCAATTTAGTGCCATACAAATTATATTCCTGTCTG TGGATCANATGGNGACACTTATCAAAATGAATGCTTTCTCAGAANGGGCTGCTGTAAGCA CCAGAAAGAGATAACAGTAATAGCAAGAGGACCATGCTACTCTGATATGGATCTGGATCT GGAGAAGGAGAAANAGAAGNTCAGGNGCANAAGTTACAGAAACACTCCNAGTGTGGACCC TGCAATATAAAGCTGAGTGTGATGAAGTGCAAAAATGTNGGGNTGTGT </pre> |
| <b>Restriction Sites:</b>           | NotI-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ACCN:</b>                        | NM_080655                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Insert Size:</b>                 | 2440 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <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>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_080655.1</a></u> , <u><a href="#">NP_542386.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>                 | 1175 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq ORF:</b>                  | 828 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>                    | 91283                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID:</b>                  | <u><a href="#">Q96H12</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cytogenetics:</b>                | 9q31.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |