

## Product datasheet for **RN203219**

### **Dclre1a (NM\_001106201) Rat Untagged Clone**

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Dclre1a (NM_001106201) Rat Untagged Clone                                          |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Dclre1a                                                                            |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN203219 representing NM_001106201<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGTTAGAAGACGCGTTTTGGGAAGAAGACATCTGGGAATATAAATCTAAAAGAAAACCCAAACAGTAC  
ATCCAAATAGTTGTTCTGAAAATATTTTCAGAATCTGTTGAAAAAGCAACAGATGGAAAATACCACTCCAA  
AGGAAAAGGAAACAAAAGAGAACTTCAGAAAATCCTGGCGAGACAAAGGACCATCCAGTGTGCCTTGCA  
GAAACAAACAGTCAGATTTCTGCAGGATCCAGCCAGAATTCAAGCTGTAGAGACGACATTCAGCAGTCTC  
AGAGCAAAGAGACAACACCAAAAAAGCAATGTAGAACAACAGAGGCAAGCAGGCGACCCCAAAGGTGCG  
CCCGCTTTATGATGGACACTGCCCTAGCTGCCAGATGCCCTTCTCCTCATTACTAGGTACAGACACCCCGG  
TGGCATGTTTTGAGTGTGGATTCTCCACCATCTCGGACACAGAGTGCCCTGACGGCGTGCTGTGTA  
GCTCCACAATTCCTTCCCACTATAAGAAATACACTCACGTCTGCTTGTCAAAGTCGAGATAGCAAGGA  
GCCCCTCAGCCCTCGCAGGCGTTGGCTGGGCGCTTCGCTGCAGCACAGCCAGATTCTTGTAACTTGAG  
GAAAGGCGGTCTGTGCTTCTGAAACTGAGGACTCAAGAAAAGTGTTAGAAGATTCTTTGTTGATGATAC  
AGTGTCTAAAAACATCCAGCCTCCAGCTGAAACCAACAGGAAGAGTGCTCTTCTCCACGTTCCAAAA  
GTCACTGGTTCCACAGCGTCAGAGTTTGTAAAGAGAGACCAGCTGGTGGGAAGCGGATCTCCCCTTGCT  
GAGGTTGCCTTCAACTGCCAAAGCGAGTCAGGGAGTACTGGTTTGCCATTGCCAGAAAATGGCTGCGGCG  
ACTTCGAGATCTTACTCTCCGCTGCACAGTGACGAGGAGACTTACAAGTGCAGCAAGAGCTGGACGA  
CTCACAGCAGGAGCTGTTTTTACCCAAAGCTCTAAAGACAGCAGCCTAGAAGATGTCTTGCCACGTTT  
GAAAACCTTCATGGTCCCTTCCAGAGGAAGCAGAGGGGATCCAGCCACAGCGAAGACCTGGCCGCTC  
AGGCTGGGTGTAGTGCGTGAGTAGAGGCAGTACAGGAAATGACTCTTTCCAGCTCATCTCCGACCTC  
GGGTCGGCTTTCCGAGAGGACCCATCAGATACAGATGCCGCTTCTCTTGTTCACCTGCGCCGTCG  
GCAGTGGGAGGCGCTACTCCTAATTGCCAGACCACCAAGGCAAGCCAGAAAAATCCACTCACTTGCA  
CACGTCATCAGCAACAGAAAACTGAAACGTCGGCCGCCGCGAGTCATACCTCGCTGCCACTACTTCTAAG  
TGCCATGTCAAAGCCACTTGAAGAGGAGGAGGCGAGCGTCTGCCTTTGCATCCAACCCAAAGTCAGAGG  
AGAGGATTATGAGTAAGGGCTCGGGTCTCCAGGCGCTAACTGTGCCTGCTCGAACACACAGAGGCCCT  
CTAGCGCGCCCTTAACAAGTCATTGAGCACAGCGCTTCCAGCCCCAAGGCGAGTGCAAGCCAACCTTC



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TAAGAAAGTAATGAAGCAATGGACATAGGTGTGTTTTTGGACTGCCACCCAAAAACACAAGACACATCA  
 CCAAGGGAAAGAGCGTCAGAAGGGCCAAAGGCCAGTCCAGTTGTGAGTCCCAGTGAAAAGAGGCCCGGT  
 TGTGCAAGAGGAAAGCGCAGAGCTCCCTAAGTGACTTAGAATTTGATGCAAAGAATTTAAATGAGAGCCA  
 GCACTCTATGGAAGTGTCTGGAGAGAGGGCCCAACATCGAAGAAAGAGACATAAAAAGTCCAATTCACCA  
 CAGGAAGGAACATACCAGGGAAGGTGAGTACCTCACTAACATCCAGAGTTGGGGGCAGTCAGCTTGA  
 GGAGAAGCAAAGCCTTTGCAAGACGGACTCCAGCAGGACGCAGAGAGGGGCCGTGAACATTTCCGAGTC  
 CTCTGGTGGAGGGGAATCGAGGAGAACATGTCCGTTCTATAAGAGAATCCCCGGGACTGGCTTCACCGTG  
 GATGCTTTTCAGTATGGCGAGATCGAAGGCTGCACTGCCTACTTCCCTACACATTTCCACTCTGATCATT  
 ATGCTGGGTTGTGCAAGGACTTCACACGGCCGATCTATTGTAGCGAGATCACTGGCAGTCTGTTGAAGAA  
 GAAGCTTCGTGTGCAGGAACAATACATACATCAGTTGCCGATGGACACCGAATGTATAGTGGACGGTGTG  
 AAGGTTGTTTTGCTGGATGCCAATCACTGTCCAGGTGCTACCATGATCCTTTTCCAGTTCCTAACGGTG  
 CCGTCACACTGCACACTGGAGACTTCCGAGCAGACCCAGCATGGAACGCTCTCTCCTGCCAGCCGCAA  
 AGTCCACACACTGTTCTAGACACCACATACTGCAGCCAGAATATACCTTCCCGTCTCAGCAGGAGGCT  
 ATCCAGTTTGCCATCAACACTGCCTTTGAGGCTGTAACCTAAACCCACGTGCCCTTATTGTCTGTGGCA  
 CGTACTGTATCGAAAGGAGAAAGTCTTCTAGCCATTGCCGATGTTTTAGGTTCAAAGGTGGGCATGTC  
 CCAGGAAAAATATAAACTCTGCACTGCCTCAATATACCGAAGTCAGCTCCCTATTACCACAGACATG  
 TGCAACTCTCTGGTTACCTCCTCCCATGATGCAAAATCAATTTTAAGGGTTTGCAAGCACTTGAAGA  
 AGTGTGGTGGGAAATTTGATCAGATTTTGGCTTCCGACCTACAGGATGGACACACTCTAACACATAAC  
 GAGCATAGCAGATATTACTCCCCAGACAAAAGGAAACATAGCAATATATGGAATCCCCTATAGTGAGCAC  
 AGCAGCTACTTAGAAATGAAGCGTTTTGTCCAGTGGCTAAAGCCACAGAAATCATACCCACCGTAAACG  
 TCGGCACCTTTAGTCCAGGAACACGATGGAGAAATATTTAAGGAGTGGAGATTGGAAGCCGGATACG  
 A

AGCGGACCGACGCTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Restriction Sites:</b>     | SgfI-RsrII                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ACCN:</b>                  | NM_001106201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Insert Size:</b>           | 3081 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>NM_001106201.1</u> , <u>NP_001099671.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 3540 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 3081 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Locus ID: 292127

Cytogenetics: 1q55