

## Product datasheet for **RN216915**

### **LOC100365112 (NM\_001190369) Rat Untagged Clone**

#### **Product data:**

|                           |                                                |
|---------------------------|------------------------------------------------|
| Product Type:             | Expression Plasmids                            |
| Product Name:             | LOC100365112 (NM_001190369) Rat Untagged Clone |
| Tag:                      | Tag Free                                       |
| Symbol:                   | LOC100365112                                   |
| Synonyms:                 | Ces2                                           |
| Mammalian Cell Selection: | Neomycin                                       |
| Vector:                   | pCMV6-Entry (PS100001)                         |
| E. coli Selection:        | Kanamycin (25 ug/mL)                           |



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**Fully Sequenced ORF:** >RN216915 representing NM\_001190369  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCACGGAACCAACTGCATAGCTGGCTGAATGCTGTGCTCTTTGGGCTGCTGCTTCTTATTTCATG  
 TGCAGGGTCAGGACTCACCGGAGTCCAGCCCCATCAGGACCACACACACTGGCCAGGTCCAAGGCAAGCT  
 CGACCACGTGAAGGACACTAAAGCTGGTGTCCACACCTTCCTGGGAATTCCTTTGCCAAGCCTCCTGTA  
 GGACCGCTGCGCTTTGCACCTCCTGAGCCACCTGAGCCATGGAGTGGTGTGAGAGATGCGACCTCACAGC  
 CGGCCATGTGTCTGCAAAATCTTGATATTCTGGATGAAGTAGGCCTGCTGGATATGAAAATGATACTGTC  
 TTCCATTTCTATGTCTGAGGACTGCCTGTATCTCAATGTCTATGCACCAGCCCATGCCGTGAGGGCTCT  
 AACCTGCCTGTGATGGTGTGGATCCACGGAGGTGCGCTGGTTGTAGGAATGGCTTCCATGTATGATGGAT  
 CTCTATTGACAGTCAATGAGGACTTGGTGGTTGCTACTATTCAGTATCGTCTGGGTGCTCTGGGCTTTT  
 CAGCACTGGAGATGAGCACGCCAGAGGCAACTGGGGATACCTGGACCAAGTGGCTGCCCTACGTTGGGTC  
 CAGCAGAATATCGCCCATTTTGGAGGCAACCCTAACCGTGTCACTATCTTTGGCGAGTCTGCAGGTGGCA  
 CAAGTGTGTCTTCACATGTTATATCCCCCATGTCTCAAGGGCTCTTCCATGGTGCCATCATGGAGAGTGG  
 AGTGGCCCTGCTGCCTGACCTTATCTCTGAAACCTCTGAAACGGTCTCCACTACAGTGGCCAAGCTCTCT  
 GGATGTGAGGCTATGGACTCAGAGGCCCTGGTGCCTGCCTGAGAGCGAAGAGTGGAGCAGAGATTCTGG  
 TCATTAACAAGGTCTTCAAGATGATCCCCGCTGTGGTGGATGGAGAGTTCCTACCCAGGCATCCCAAGA  
 GCTGTTGGCATCTGAGGATTTTACCCTGTCCCCAGCATATTGGTGTAAACACAGATGAGTACTGTTGC  
 ACCATTCTATGGTCATGGGCACTGCTCAAATAATAAAGGAGCTATCCAGAGAGAACCTGCAGGCTGTTT  
 TAAAGGATACAGCAGCACAATGATGCTTCCTCCTGAGTGTGGTGACCTGCTCATGGAAGAGTACATGGG  
 GAACACTGATGATTTCCAGACCCTACAAATACAGTACACAGAGATGATGGGAGACTTCTGTGTTGTGATC  
 CCTGCACTCCAAGTAGCACACTTTCAGCGTTCCCATGCCCTGTCTACTTCTATGAGTTCCAACATGCAC  
 CCAGCTATTTCAAGAATGTGAGGCCACCCACGTGAAGGCTGACCATGCTGATGAGGTTCTTTTGTCTT  
 TGGGTCTCTTTTTCGGGCATGAACTTGACTTCACTGAGGAGGAGAGGCTGCTGAGCAGGAGGATGATG  
 AAGTACTGGGCCAACTTTGCAAGACAGGGGAACCCCAACAGCGAGGGTCTACCCTACTGGCCTGCATTGG  
 ACCACGATGAGCAGTACCTGCAGTTGGACCCATCCTGCTGTGGACCGAGCCCTGAAGGCCAGAAGGCT  
 GCAGTTCTGGACCAAGACTCTGCCCCAGAAGATTGAGGAGCTAAATGGAGCTCAGAAAAACCATGCAGAG  
 CTG**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001190369

**Insert Size:** 1686 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

**Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** NM\_001190369.1, NP\_001177298.1

**RefSeq Size:** 1957 bp

**RefSeq ORF:** 1686 bp

**Locus ID:** 100365112