

Product datasheet for **RN216916**

Ces2 (NM_001271303) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ces2 (NM_001271303) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ces2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216916 representing NM_001271303
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACGGAACCAACTGCATAGCTGGCTGAATGCTGTGCTCTTTGGGCTGCTGCTTCTTATTTCATG
 TGCAGGGTCAGGACTCACCGAGTCCAGCCCCATCAGGACCACACACACTGGCCAGGTCCAAGGCAAGCT
 CGACCACGTGAAGGACACTAAAGCTGGTGTCCACACCTTCTGGGAATTCCTTTGCCAAGCCTCCTGTA
 GGACCGCTGCGCTTTCACCTCCTGAGCCACCTGAGCCATGGAGTGGTGTGAGAGATGCGACCTCACAGC
 CGGCCATGTGTCTGCAAAATCTTGATATTCTGGATGAAGTAGGCCTGCTGGATAGAAAATGATACTGTC
 TTCCATTTCTATGTCTGAGGACTGCCTGTATCTCAATGTCTATGCACCAGCCCATGCCCGTAGGGCTCT
 AACCTGCCTGTGATGGTGTGGATCCACGGAGGTGCGCTGGTTGTAGGAATGGCTCCATGTATGATGGAT
 CTCTATTGACAGTCAATGAGGACTTGGTGGTTGCTACTATTCAGTATCGTCTGGGTGCTCTGGGCTTTT
 CAGCACTGGAGATGAGCACGCCAGAGGCAACTGGGGATACCTGGACCAAGTGGCTGCCCTACGTTGGGTC
 CAGCAGAATATCGCCATTTTGGAGGCAACCCTAACCGTGTCACTATCTTTGGCGAGTCTGCAGGTGGCA
 CAAGTGTGTCTTACATGTTATATCCCCATGTCTCAAGGGCTCTTCCATGGTGCATCATGGAGAGTGG
 AGTGGCCCTGCTGCCTGACCTTATCTCTGAAACCTCTGAAACGGTCTCCACTACAGTGGCCAAGCTCTCT
 GGATGTGAGGCTATGGACTCAGAGGCCCTGGTGCCTGCCTGAGAGCGAAGAGTGGAGCAGAGATTCTGG
 TCATTAACAAGGTCTTCAAGATGATCCCCGCTGTGGTGGATGGAGAGTTCCTACCCAGGCATCCCAAAGA
 GCTGTTGGCATCTGAGGATTTTACCCTGTCCCCAGCATCATTGGTGTAAACACAGATGAGTACTGTTGC
 ACCATTCCTATGGTCATGGGCACTGCTCAAATAATAAAGGAGCTATCCAGAGAGAACCTGCAGGCTGTTT
 TAAAGGATACAGCAGCACAAATGATGCTTCTCCTGAGTGTGGTACCTGCTCATGGAAGAGTACATGGG
 GAACACTGATGATTTCCAGACCCTACAAATACAGTACACAGAGATGATGGGAGACTTCTGTTTGTGATC
 CCTGCACTCCAAGTAGCACACTTTCAGCGTTCCTCATGCCCTGTCTACTTCTATGAGTTCCAACATGCAC
 CCAGCTATTTCAAGAATGTGAGGCCACCCACGTGAAGGCTGACCATGCTGATGAGGTTCTTTTGTCTT
 TGGGCTCTTCTTTTGGGCATGAAACTTGACTTCACTGAGGAGGAGAGGCTGCTGAGCAGGAGGATGATG
 AAGTACTGGGCCAACTTTGCAAGACAGGGGAACCCCAACAGCGAGGGTCTACCCTACTGGCTGCATTGG
 ACCACGATGAGCAGTACCTGCAGTTGGACACCCATCCTGCTGTGGACCGAGCCCTGAAGGCCAGAAGGCT
 GCAGTTCTGGACCAAGACTCTGCCCCAGAAGATTGAGGAGCTAAATGGAGCTCAGAAAAACCATGCAGAG
 CTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001271303

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_001271303.1](#), [NP_001258232.1](#)

RefSeq Size: 1733 bp

RefSeq ORF: 1686 bp

Locus ID: 100910144

Cytogenetics: 1q55