

## Product datasheet for **RN205813**

### **Ces1d (NM\_133295) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ces1d (NM_133295) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ces1d
Synonyms:	Ces3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205813 representing NM\_133295  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCGCCTCTACCCTCTGGTCTGGCTTTTTCTGTGCTGCGTGCACAGCTTGGGGTACCCATCCTCACCAC  
 CTGTGGTGAACACTGTTAAAGGCAAAGTCTGGGGAAGTATGTCAATTTGGAAGGATTTGCACAGCCTGT  
 GGCTGTTTTCTGGGAATCCCCTTCGCCAAGCCCCCTCTGGCTCCTTGAGGTTTCTCCACCACAGCCT  
 GCAGAGCCTTGGAACTTTGTGAAGAATACTACCTCCTACCACCTATGTGCTCTCAAGATGCTGTTGGAG  
 GGCAGGTTCTCTCAGAGCTTTTCACCAACAGGAAGGAAAACATTCCTTTACAGTTTTCTGAAGACTGCC  
 CTACCTGAACGTTTATACTCCCCTGACTTGACAAAGAACAGCCGGCTACCAGTGATGGTGTGGATCCAT  
 GGAGTGGACTGGTAGTGGTGGAGCATCCACCTATGATGGACAGGTCTCTCTGCCATGAAAATGTGG  
 TGGTGGTACCATTAGTATCGCCTTGGCATCTGGGGATTCTTCAGCACAGGGGATGAACACAGCCAGGG  
 CAACTGGGGTCACTTGGACCAGGTGGCTGCACTACACTGGGTCCAGGACAACATTGCCAACTTTGGGGT  
 AACCCAGGCTCTGTGACCATCTTTGGAGAATCTGCAGGAGGTTTCAGTGTCTCTGCTCTTGTGTTATCTC  
 CTCTGGCCAAGAACCTTCTCCACAGGGCCATTTCTGAGAGTGGTGTGGTCTCACTTCTGCTCTGATTAC  
 AACAGATAGCAAGCCCATTGCTAATCTGATTGCTACTCTTTCTGGGTGTAAAACCACCACATCAGCTGTT  
 ATGGTTCAATGCTGCGCCAGAAGACAGAGGATGAACTCCTGGAGACTTCATTAATAATGAACTTTTTCA  
 AACTGGATTTACTTGGAAACCCAAAAGAGAGCTATCCCTTCTACCTACTGTGATTGACGGAGTGGTGT  
 GCCAAAGACACCAAGAAGATCCTGACTGAGAAGATTTCAACACAGTCCCCTACATAGTGGGCATCAAC  
 AAGCAAGAGTTTGGCTGGATCATTCCAACGCTTATGGGCTATCCACTCTCCGAAGGCAAACCTGGACCAGA  
 AAACAGCCAAATCCCTCTTGTGGAAGTCTACCCAACACTGAAAATCTCTGAGAAAATGATCCAGTGGT  
 TGCTGAGAAGTACTTCGGAGGGACAGATGACCCTGCCAAAAGGAAAGACCTGTTCCAGGACTTGGTTGCA  
 GATGTGATGTTTGGTGTCCCATCAGTAATGGTGTCTCGAAGTACACAGAGATGCTGGAGCCCCACCTTCA  
 TGTATGAATTTGAGTATCGCCCAAGCTTTGATCAGCCATGAGGCCCAAGACAGTATCGGAGACCATGG  
 TGATGAACTCTTCTCAGTATTTGGATCTCCATTTTTAAAAGATGGTGCCTCAGAAGAGGAGACCAATCTC  
 AGCAAAATGGTATGAAATACTGGGCCAACTTTGCTCGGAATGGGAGCCCTAATGGGGGAGGGCTGCCCC  
 ATTGGCCAGAATATGACCAGAAGGAAGGTACCTGAAGATTGGTGCCTCAACTCAGGCAGCCAGAGGCT  
 GAAGGACAAAAGTGGCTTTTTGGTCTGAGCTCAGGGCCAAGGAGGCAGAGGAACCATCCCCTGG  
 AACATGTTGAGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_133295
- Insert Size:** 1698 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).
- 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\\_133295.3](#), [NP\\_579829.3](#)

**RefSeq Size:** 1938 bp

**RefSeq ORF:** 1698 bp

**Locus ID:** 113902

**UniProt ID:** [P16303](#)

**Cytogenetics:** 19p11

**Gene Summary:** enzyme that hydrolyzes long-chain fatty acids and thioesters; may play a role in lipid metabolism and/or the elimination of toxic substances [RGD, Feb 2006]