

Product datasheet for **RN200389**

Celf2 (NM_001083586) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Celf2 (NM_001083586) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Celf2
Synonyms:	Brunol3; Cugbp2; Etr3; Napor
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200389 representing NM_001083586
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTTGAGCGCACTTCTGAAGTGGCTTTTGTGAGACTATCAGTGTAGAAAGCATGCGCTGCCAAAT
 CCGCTGTTACTATGAGAAATGAGGAGCTGCTTTTAAGTAACGGCACAGCCAACAAGATGAACGGAGCTTT
 GGATCATTCCGACCAGCCAGACCAGATGCCATTAAGATGTTTGTGCGACAGATCCCTAGGTCCTGGTCA
 GAAAAGGAGCTGAAAGAAGCTTTTGGAGCCTTATGGAGCTGTCTACCAGATCAACGTCCTCCGGGACCGGA
 GTCAGAACCCTCCAGAGCAAAGGTTGTTGTTTCGTAACATTTTATAACAAGAAAAGCTGCACTTGAGGC
 CCAGAATGCACTGCACAATATTAAGAACTTTACCTGGGATGCATCATCCATTTCAGATGAAACCTGCAGAT
 AGTAAAAGTCAAACGCTGTGGAAGACCGAAAATTGTTTCATAGGAATGGTTTCCAAGAAGTGAACGAGA
 ATGACATCAGAGTGATGTTTTCCCTTCGGTCAGATAGAAGAATGCCGATTCTCCGGGACCTGACGG
 GCTGAGTCGAGGCTGTGCGTTTGTACATTTTCTACCAGGCAATGGCACAGAATGCAATCAAAGCCATG
 CATCAGTCTCAGACCATGGAGGGCTGCTTTCACCTATCGTGGTGAAGTTCGCTGACACTCAGAAGGACA
 AGGAGCAAAGGCCCTCCAGCAGCAGCTTGACAGCAGATGCAACAGCTCAACACTGCCACTTGGGGGAA
 CCTGACAGGACTGGTGGACTTACCCACAGTACCTGGCGTTTCTGCAGCAGGCCACCTCCTCCAGCAAC
 CTGGGTGCATTAGTGGCATTAGCAAAATGGCTGGCATGAATGCTTTACAGTTACAGAATCTGGCAACGC
 TGGCTGCAGTGCAGTGCAGTCCCGCCAAACCTCAGCCACCAGCACCATGCAAAACCTCTCTCCAGCACAAG
 CAGTGCCTGGGGCCCTCACAAGTCCCGTGGCTGCTTCAACCCCAATTCTACTGCTGGTGCAGCCATG
 AACTCCTTGACCTCTCTGGGACTCTGCAAGGATTGGCTGGAGCCACTGTCGGATTGAATAATATTAATG
 CACTAGCAGGTATGGCGCTCTGAATGGAGGACTTGGCGCCACAGGCTTGACGAATGGTACGGCTGGCAC
 CATGGACGCCCTCAGCAGGCCCTACTCAGGAATTCAGCAGTACCGGGCAGCTGCACTGCCACTTTGTAC
 AGCCAGAGCCTGCTGCAGCAGCAGAGCGCTGCAGGCAGCCAGAAGGAAGTCCAGAGGGGCAAACCTCT
 TTATTTACCACCTTCCACAGGAGTTTGGAGACCAGGACATTCTGCAGATGTTTCATGCCCTTTGAAATGT
 TATCTCTGCTAAAGTCTTCATTGACAAACAGACCAATCTGAGCAAGTGTGTTGTTTGTAGCTATGAC
 AATCCAGTCTCTGCACAAGCTGCAATCCAGGCTATGAACGGCTTTCAGATCGGCATGAAACGCTTGAAGG
 TGCAGTGAAGCGCTCCAAAACGACAGCAAACCTTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001083586

Insert Size: 1581 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_001083586.2](#), [NP_001077055.2](#)

RefSeq Size: 1799 bp

RefSeq ORF: 1581 bp

Locus ID: 29428

Cytogenetics: 17q12.3

Gene Summary: RNA binding protein that binds to two sets of AU-rich sequences in COX2; involved in mRNA stabilization and translational silencing [RGD, Feb 2006]
Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.