

Product datasheet for **SC316059**

CELF2 (NM_001083591) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CELF2 (NM_001083591) Human Untagged Clone
Tag:	Tag Free
Symbol:	CELF2
Synonyms:	BRUNOL3; CELF-2; CUG-BP2; CUGBP2; ETR-3; ETR3; NAPOR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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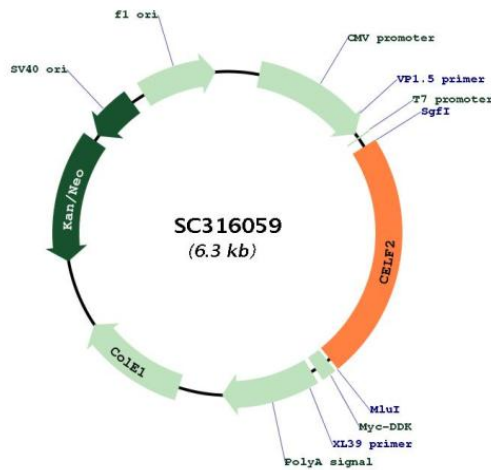
Fully Sequenced ORF: >SC316059 representing NM_001083591.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
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CCCCGGTCATGGTCGGAAGGAGCTGAAAGAACTTTTGAGCCTTACGGAGCCGCTACCAGATCAAC
GTCTCCGGGACCGGAGTCAGAACCCTCCGCAGAGTAAAGGTTGTTGTTTCGTAACATTTTATAACAAGA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001083591

Insert Size:	1467 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none">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_001083591.1
RefSeq Size:	8053 bp
RefSeq ORF:	1467 bp
Locus ID:	10659
UniProt ID:	O95319
Cytogenetics:	10p14
MW:	52.1 kDa
Gene Summary:	<p>Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (4, also called NAPOR-4) contains a distinct 5' UTR, lacks an alternate segment in the 3' UTR, and uses an alternate splice site in the 3' coding region, compared to variant 3. The resulting isoform (3) is shorter, has a shorter N-terminus, and includes an alternate segment near the C-terminus, compared to isoform 3.</p>