

Product datasheet for **SC115671**

CELF3 (NM_007185) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CELF3 (NM_007185) Human Untagged Clone
Tag:	Tag Free
Symbol:	CELF3
Synonyms:	BRUNOL1; CAGH4; ERDA4; ETR-1; TNRC4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_007185, the custom clone sequence may differ by one or more nucleotides

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ATGAAGGAGCCGGATGCCATCAAGCTGTTTGTGGGGCAGATCCCGAGGCATCTGGAGGAGAAGGACCTGA
AGCCCATCTTCGAACAGTTTGGTCGGATCTTTGAGCTGACTGTCATCAAGGACAAGTACACCGGGCTGCA
CAAGGGATGTGCCTTCTGACATACTGTGCCCGGATTACGCCCTGAAGGCCAGAGCGCCCTGCACGAA
CAGAAGACGCTTCCAGGGATGAACAGGCCGATCCAGGTCAAGCCAGCCGACAGCGAGAGCCGAGGAGAAG
ACCGGAAGCTCTTTGTGGGGATGCTAGGGAAGCAGCAGACAGATGAGGACGTCCGGAAGATGTTTGAGCC
CTTCGGGACCATCGACGAGTGCCTGTGCTCCGGGGCCAGATGGCACCAGCAAAGGCTGCGCCTTCGTG
AAGTTCAGACCCACGCTGAGGCCAGGGGCCATCAACACCCTTACAGCAGCCGGACCCTGCCAGGTG
CCTCGTCCAGCCTGGTGGTGAAGTTTGCTGACACTGAGAAGGAGCGAGGTCTCCGCCGCATGCAGCAGGT
GGCCACCCAGTTGGGCATGTTACGCCCCATCGCCCTCCAGTTTGGAGCCTACAGCGCCTACACCCAGGCC
CTGATGCAGCAGCAGGGCCCTGGTAGCGGCTCACAGTGCCTACCTCAGCCCCATGGCCACCATGGCTG
CCGTGCAGATGCAGCACATGGCTGCCATCAATGCCAATGGCCTCATCGCCACCCCATCACCCATCCTC
AGGAACCAGCACCCCTCCTGCCATCGCTGCCACGCTGTCTCTGCCATTCCGGCTGCCCTGGCGTCAAC
GGCTACAGCCCGGTGCCACCCAGCCACTGGGCAGCCTGCCCTGATGCTCTGTATCCCAACGGGGTTC
ACCCCTACCCAGCCAGAGCCCCGCGGCCCCCGTGGACCCCTGCAGCAGGCCTACGCGGGATGCAGCA
CTACAGCAGCCTACCCAGCAGCTACAGCCTGGTTGCACCTGCGTTCCCGCAGCCTCCAGCCCTGGTC
GCCAGCAGCCCCACCACCTCAACAGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAAA
GAGAAGGCCCTGATGGCTGCAACATCTTCATCTACCACCTGCCCCAGGAGTTCACTGACTCAGAGATCCT
CCAGATGTTTGTCCCCTTTGGCCACGTCTCAGCCAAAGTCTTTGTTGACCGACCCAAATCAAAGC
AAATGTTTGGCTTTGTGAGTTTCGACAAATCCGGCCAGTGCCAGGCTGCCATCCAGGCCATGAATGGCT
TCCAGATCGGCATGAAGCGCCTCAAAGTCCAGCTAAAGCGGCCTAAGGATGCCAACCAGCCCTACTGA

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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_007185 unedited ACATTTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGATCAAGCTGTTTG TGGGGCAGACCCGAGCTCTGGAGGAAAGACCTGAACCCATCTTCGAACAGTTTGGTCGGA TCTTTGAGCTGACTGTTCATCAAGGACAAGTACACCGGGCTGCACAAGGGATGTGCCTTCC TGACATACTGTGCCCCGGATTACGCCCTGAAGGCCAGAGCGCCCTGCACGAACAGAAGA CGCTTCCAGGGATGAACAGGCCGATCCAGGTCAAGCCAGCCGACAGCGAGAGCCGAGGAG ACCGGAAGCTCTTTGTGGGGATGCTAGGGAAGCAGCAGACAGATGAGGACGTCCGGAAGA TGTTTGAGCCCTTCGGGACCATCGACGAGTGCACTGTGCTCCGGGGCCAGATGGCACCA GCAAAGGCTGCGCCTTCGTGAAGTTCCAGACCCACGCTGAGGCCAGGCCGATCAACA CCCTTCACAGCAGCCGACCCCTGCCAGGTGCCTCGTCCAGCCTGGTGGTGAAGTTTGCTG ACACTGAGAAGGAGCGAGGTCTCCGCCGATGCAGCAGGTGGCCACCCAGTTGGGCATGT TCAGCCCCATCGCCCTCCAGTTTGGAGCCTACAGCGCCTACACCCAGGCCCTGATGCAGC AGCAGGCCGCCCTGGTAGCGGCTCACAGTGCCTACCTCAGCCNCATGGCCACCATGGNCT GCCGTGCAGATGCAGCACATGGCCTGCCATCAATGCCAATGGCCCTCATCGNACCCCCA TCACCCCATCCTCAGAACCAGCACCCCTTCTGCCATCGCTGNCACGCCCTGTCTTGCCA TTTCCGCTGCNCTTGGGGTAAACGGCTCAGNCCCGGTGCCACCCAGCCACTGGGCAGN CTGCCCTGATGCTCTGATCAACAGGGGTTTACCTACCAGCCAAGACCCGCGGCCCG GGAACCCCTGCAAAA</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_007185 unedited TTGCTTTTAACTTTTTCTTTATTTAAACAAGAAAAGAACAACAAGTAAAGTAA ATGCCATAAATAAATAAGTTAAGCCTAAAGAACTGGCTGAAACTGACTCCCCGGGCTCCC CTTACCACCCCCACCCACCCATTTTTTTTTTCCCTAAAACCTTCTCTAAAGAAAATG ATCAGGGAATAAACCCCTTGACCCTTCCACACCCCTTCTTCCAATACCCAATTACCCC CCAAAGCAAAGGGGAAATTAAGAGAGAGAAAAAATCCCAGGGCAACATTGGCTAAACT CCCAAAAAGAAAAAGGCAGCGTCCGGGCCAAGCCGGGCGGGCTGGATAACCCACGGGTG GGAGTGGTATTTACACAGAGGGAACCAGCAGAGACTGGAACATTTTTAGGGGTCAGGG GAAGGGCTTTTCTCGTGAAGGAGGAGGGTCTCTGTGGCTGACTGGCAAAAAGGCAACC CTCAAGGCTCCCCACACCCTCCTTAAAGGGGGCCCTTGGGGAGGCAGTGAGTTTAAAG GCTGGGAGCCCAAGAATCAAGGATATCCTACCTAACTGAGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_007185
Insert Size:	2440 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:	<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:	<u>NM_007185.1, NP_009116.1</u>
RefSeq Size:	1719 bp
RefSeq ORF:	1077 bp
Locus ID:	11189
UniProt ID:	<u>Q5SZQ8</u>
Cytogenetics:	1q21.3
Domains:	RRM
Protein Families:	Transcription Factors
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. Multiple alternatively spliced transcript variants encoding different isoforms have been identified in this gene. [provided by RefSeq, Feb 2010]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>