

Product datasheet for **SC106400**

CELF3 (AF329264) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CELF3 (AF329264) Human Untagged Clone
Tag:	Tag Free
Symbol:	CELF3
Synonyms:	BRUNOL1; CAGH4; ERDA4; ETR-1; TNRC4
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for AF329264, the custom clone sequence may differ by one or more nucleotides

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ATGAAGGAGCCGGATGCCATCAAGCTGTTTGTGGGGCAGATCCCAGGCATCTGGAGGAGAAGGACCTGA
AGCCCATCTTCGAACAGTTTGGTCGGATCTTTGAGCTGACTGTCATCAAGGACAAGTACACCGGGCTGCA
CAAGGGATGTGCCTTCTGACATACTGTGCCCGGATTTCAGCCCTGAAGGCCAGAGCGCCCTGCACGAA
CAGAAGACGCTTCCAGGGATGAACAGGCCGATCCAGGTCAAGCCAGCCGACAGCGAGAGCCGAGGAGAAG
ACCGGAAGCTCTTTGTGGGGATGCTAGGGAAGCAGCAGACAGATGAGGACGTCCGGAAGATGTTTGAGCC
CTTCGGGACCATCGACGAGTGCCTGTGCTCCGGGGGCCAGATGGCACCAGCAAAGGCTGCGCCTTCGTG
AAGTTCAGACCCACGCTGAGGCCAGGCGGCCATCAACACCCCTTACAGCAGCCGGACCCTGCCAGGTG
CCTCGTCCAGCCTGGTGGTGAAGTTTGCTGACACTGAGAAGGAGCGAGGTCTCCGCCGATGCAGCAGGT
GGCCACCCAGTTGGGCATGTTTCAGCCCCATCGCCCTCCAGTTTGGAGCCTACAGCGCCTACACCCAGGCC
CTGATGCAGCAGCAGGCGGCCCTGGTAGCGGCTCACAGTGCCACCTCAGCCCCATGGCCACCATGGCTG
CCGTGCAGATGCAGCACATGGCTGCCATCAATGCCAATGGCCTCATCGCCACCCCATCACCCATCCTC
AGGAACCAGCACCCCTCCTGCCATCGCTGCCACGCCTGTCTCTGCCATTCGGCTGCCCTGGGCGTCAAC
GGCTACAGCCCGGTGCCACCCAGCCACTGGGCAGCCTGCCCTGATGCTCTGTATCCCAACGGGGTTC
ACCCCTACCCAGCCAGAGCCCGTGGCCCGTGGACCCCTGCAGCAGGCTACGCGGGGATGCAGCA
CTACACAGCAGCCTACCCAGCAGCCTACAGCCTGGTTGCACCTGCGTTCCCGCAGCCTCCAGCCCTGGTC
GCCCAGCAGCCCCACCACCTCAACAGCAGCAGCAGCAACAGCAGCAGCAAAGAGAAGGCC
CTGATGGCTGCAACATCTTCATCTACCACCTGCCCCAGGAGTTCACTGACTCAGAGATCTCCAGATGTT
TGTCCCTTTGGCCACGTCTCAGCCAAAGTCTTTGTTGACCGAGCCACCAATCAAAGCAAATGTTTT
GGCTTTGTGAGTTTCGACAATCCGGCCAGTGCCAGGCTGCCATCCAGGCCATGAATGGCTTCCAGATCG
GCATGAAGCGCCTCAAAGTCCAGCTAAAGCGGCCTAAGGATGCCAACCGGCCCTACTGA
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5' Read Nucleotide Sequence:	>OriGene 5' read for AF329264 unedited ATAGGCCGGCCGCGATTCCGGCACGAGGCCGCTCCAGCTCTCATCTCAACTCCCAGTTCC CAGCCCTTAAGCCCTAGCACCCCGGCTACCACCTAACCTCCAGGTCTTGCCATACT CACCCCATCCTGGGACATTTGCCAGATCTCTGGGAGGGAGATCGTTTGTAGGCGATG CCCCTGGTGGCATGACAGCGTCTGCCTAGACCCTGACCCTAGCACTCAACTCCCTGG GCCTCCTTTGTGTGAAGAGCCGCCCTCTGCTTAGCAGCGTGGTTGGGGCCAAAGGGAA AGCCAGCCCCAGCTGGGCCCGGGCCACCACCTTATCTCCTTGCTGGGCAGTCCCCT TGGCCTTTGGCCCTCTCCCTGCTCCCCTCGGCCCTCCTCCTGGGCCGCTCAATGAAGG AGCCGGATGCCATCAAGCTGTTTGTGGGCAGATCCCGAGGCATCTGGAGGAGAAGGACC TGAAGCCCATCTTGAACAGTTTGGTCGGATCTTTGAGCTGACTGTCATCAAGGACAAGT ACACCGGGCTGCCAAGGGATGTGCCTTCTGACATACTGTGCCCGGGATTAGCCCTGAA GGCCAGAGCGCCCTGCACGAACAGAAGACGCTTCCAGGGATGAACAGGCCGATCCAGGT CAAGCCAGCCGACAGCGAGAGCCGAGAGTANGNNTCTGTGCCTTTGGACTCTGTCCCT CTTCTNCCCACCCAGCCAGGGGCTGGAGTGTGAGGGGTANCTTTCTTGAGGGAG NAAGCCTGATGATTTCTGAGAATCCCANCTGCGGTGAGAAGGAGTCANTGTGGCCNAAC GGNTAAATCTGGGGCGGGTACGATGGCAAAGTGAAGCCAGGGGAAGGCAGATCTTC AAGCTGGGTTG
Restriction Sites:	NotI-NotI
ACCN:	AF329264
Insert Size:	3500 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:	AF329264.1 , AAK07474.1
RefSeq Size:	1389 bp
RefSeq ORF:	1389 bp
Locus ID:	11189
Cytogenetics:	1q21.3
Domains:	RRM
Protein Families:	Transcription Factors

Gene Summary:

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]