

Product datasheet for **SC317761**

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)



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Fully Sequenced ORF:

>OriGene sequence for NM_007185 edited
 CCGCCTCCAGCTCTCATCTCAACTCCCAGTTCACGCCCTCTAAGCCCTAGCACCCCGG
 CTACCACCTAACCTCCAGGTCTTGCCATACTACCCCATCTGGGACATTTGCCAGA
 TCTCTGGGAGGGAGATCGTTTGTAGGCGATGCCCTGGTGGCATGACAGCGTCTGCC
 TAGACCCTGACCCTAGCACTCAACTCCCTGGCCTCCTTTGTGTGAAGAGCCGCCCT
 CTGCTTAGCAGCGTGGTTGGGGCCAAAGGAAAGCCAGCCCAGCTGGGCCCGGGCC
 CCACCATTATCTCCTTGTGGCAGCTCCCCTGGCCTTGGCCTCTCCCTGTCTCCC
 TCGGCCCTCCTCTGGCCGCCTCAATGAAGGAGCCGGATGCCATCAAGCTGTTTGTGG
 GGCAGATCCCAGGCATCTGGAGGAGAAGGACCTGAAGCCATCTTGAACAGTTTGGTC
 GGATCTTTGAGCTGACTGTCAAGGACAAGTACACCGGCTGCACAAGGGATGTGCCT
 TCCTGACATACTGTGCCCGGATTAGCCCTGAAGGCCAGAGCGCCTGCACGAACAGA
 AGACGCTTCCAGGGATGAACAGGCCGATCCAGGTCAAGCCAGCCGACAGCGAGAGCCGAG
 GAGAAGACCGGAAGCTCTTTGTGGGGATGCTAGGGAAGCAGCAGACAGATGAGGACGTCC
 GGAAGATGTTGAGCCCTCGGGACCATCGACGAGTGCCTGTGCTCCGGGGCCAGATG
 GCACCAGCAAAGGCTGCGCCTTCGTGAAGTTCCAGACCCAGCTGAGGCCAGGCGGCCA
 TCAACACCCTTACAGCAGCCGACCCTGCCAGTGCCTCGTCCAGCCTGGTGGTGAAGT
 TTGCTGACACTGAGAAGGAGCGAGGTCTCCGCCCATGCAGCAGGTGGCCACCCAGTTGG
 GCATGTTAGCCCATCGCCCTCCAGTTTGGAGCCTACAGCGCCTACACCCAGGCCCTGA
 TGCAGCAGCAGGCGGCCCTGGTAGCGGCTCACAGTGCCTACCTAGCCCCATGGCCACCA
 TGGCTGCCGTGCAGATGCAGCACATGGCTGCCATCAATGCCAATGGCCTCATCGCCACCC
 CCATCACCCATCCTCAGGAACAGCACCCCTCCTGCCATCGTGCACGCTGTCTCTG
 CCATTCGGCTGCCCTGGCGTCAACGGCTACAGCCGGTGCACCCAGCCACTGGGC
 AGCTGCCCTGATGCTCTGTATCCCAACGGGGTTCACCCCTACCCAGCCAGAGCCCCG
 CGCCCCCGTGGACCCCTGCAGCAGGCCACGCGGGGATGCAGCACTACACAGCCTACC
 CAGCAGCCTACAGCCTGGTTGCCTGCGTTCCCGCAGCCTCCAGCCCTGGTCCGCCAGC
 AGCCCCACCACCACCTCAACAGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGCAGC
 AAAGAGAAGGCCCTGATGGCTGCAACATCTTCTACTACCCTGCCCCAGGAGTTCACTG
 ACTCAGAGATCTCCAGATGTTTGTCCCCTTTGGCCACGTCTCAGCCAAAGTCTTTG
 TTGACCGAGCCACCAATCAAAGCAAATGTTTTGGCTTTGTGAGTTTCGACAATCCGGCCA
 GTGCCCAGGCTGCCATCCAGGCCATGAATGGCTTCCAGATCGGCATGAAGCGCCTCAAAG
 TCCAGCTAAAGCGCCTAAGGATGCCAACCGGCCCTACTGAGGGCCCCAGGTCTGGAGA
 TCCCAGAGGAAGGGCGCCTCACACCCTTCCACGACTGGCCCCGGCCCTCTCCGCAC
 ACCTGCCCTGGGCCTTACTGGGTTCTGGGGCAAACGCTGCTTCGTGGCCCCGGGGGCA
 CAAGACACCGGCCCTCCACCCCTGCCTCTCTGAAGGGCCATGGCTATGCTTCCCTG
 GCTCCAAGGGCCATTTCTCTAGATGCCCTTTGGCCTTTGTGAGGGAGCGAGGAACA
 GGCTCGAAGGCTCCGGGTATCTGCCTTCTGCTGGGCTCCTGTGACAGGCCTTCTGTACC
 CAGCGTTTGTACTTGCTCCCCAACAGTGGGCTGTTTACCCGTGCAGGCCCCAGGAG
 AGCCGAGGGGCTGCCACACTCCCAGCTCACCTCACCCAGCCTTCCCCACATT
 AGGGTTTTCTGGAAGCTGGCTCTCACTCCCCTCACCCCTAGAGGTAGGATATCC
 CTGATTCCTGGGCTCCCAGCCCTAAAACACTCACTGCCTCCCCAAGGGCCCTCTAAGGA
 GGGTGTGGGGGAGCCCTGAGGGTGCCTCTGCCAGTCAGCCACAGAGACCCTCCTCCT
 TTCACGAGGAAAAGACCTTCCCCTGAACCCCTAAAAATGTTTACAGTCTCTGCTGGTTCC
 CTCTGTGTAATAACCACTACCACCGTGCCTTATCCAGCCGCCCCGGCCTGGCCCGGACG
 CTGCCATCTCTTTCTGGGAGTTTAGACAATGTTGCCCTGGATTTTTTCTCTCTCTT
 AATTTCTCCCTTTGCTTTGGGGGTAATTGGGTATTGGGAGGAGGGGTGGGGAGGGGT
 CAAGGGGTTTATTACCTGATCATTTTCTTTAGGAAGAGGTTTTAGGAAAAGAAAATGGG
 GTGGGGTGGGGTGGTAAGGGGAGACCGGGGAGTCAGTTTCAGACAGTTCTCTATGCTT
 AACTTATTTATTTATTGATTTTACTTTTAAAGAGTTGGTCTTTTCTGTCTAAATAAAGA
 AAAAAAGTTTAAAGCATCAAAAAAAAAAAGAAAAA

Restriction Sites:

Please inquire

ACCN:	NM_007185
Insert Size:	2900 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:	The ORF of this clone has been fully sequenced and found to contain 3bp deletion compared with NM_007185.3.
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_007185.3</u> , <u>NP_009116.3</u>
RefSeq Size:	3297 bp
RefSeq ORF:	1398 bp
Locus ID:	11189
UniProt ID:	<u>Q5SZQ8</u>
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] Transcript Variant: This variant (1) encodes the longest isoform (1).