

## Product datasheet for **SC123092**

### **BRUNOL6 (CELF6) (NM\_052840) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BRUNOL6 (CELF6) (NM_052840) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRUNOL6
Synonyms:	BRUNOL6
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:**

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>OriGene sequence for NM_052840 edited
ACAGGGCGGGGACATGACCGCGGCGCCGGGAGGGTCAGCGCAGCCGCTGGCCCCGGCCC
GCGCCTGGGTTTCAGCACCGGGACAGCGGCGTCGGCATGAGCGGGCTAAACCCCGGTCC
CGCCGTACCCATGAAGGACCACGACGCCATCAAGCTCTTCGTGGGGCAGATCCCAGGGG
CTTGGACGAGCAGGACCTCAAGCCGCTGTTGAGGAGTTCGGCCGCATCTACGAGCTGAC
GGTGCTGAAGGACCGGCTCACCGCCTCCACAAAGGCTGTGCCTTCCTCACCTACTGCGC
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GAATCGTCCGATCCAAGTGAAGCCAGCTGCCAGTGAGGGCCGAGGAGAGGACCGAAAGCT
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CAGCCGGACCATGGCGGGCGCTCGTCCAGCCTCGTGGTCAAGCTGGCGGACACCGACC
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CAAGTGTTTTGGGTTTGTAGTTTTGACAATCCAAGTGTGCCAGACTGCTATTACAGGC
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ATCTGTAGAGGGCTGTGACAACAGACTTGAAGGTTTGCTACTGTATATACTGCCATTGA
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CCTGGGAGGGAAGTAGATGTTTTGCCAAAATACTTCTTATTCTTTAAAAACTACATCT
TTCCTATGCAAGAGTGTCTCACATGTGCTTAACCGAGGTGCTTCTAGTTGGTGAGCAGTG
TTGAGCTTAGAAGTGGTGTGTGCTGTCTGTCTGCTTTGTCTGTCTGTGTATACAGT
GGGTGCCATATAAGCTGATCAATGGTGGTGAAGAAAAAAGAAAAAAGAAAAA
AAAAAA
    
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_052840 unedited NGGGAGATCCTATATTTTGTATACGACTTACTATAGGGCGGCCGATAACTTCGTATAGC ATACATTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCG GACAGGGCGGGGACATGACCGCGGCCCGGGAGGGTCAGCGCAGCCCGCTGGCCCCGGCC CGCGCTGGGTTTCAGCACCGCGGACAGCGGCGTCGGCATGAGCGGGCTAAACCCCGTC CCGCCGTACCCATGAAGGACCACGACGCCATCAAGCTCTTCGTGGGCAGATCCCAGGG GCTTGGACGAGCAGGACCTCAAGCCGCTGTTTCGAGGAGTTCGGCCGCATCTACGAGTGA CGGTGCTGAAGGACCGGCTCACCGGCTCCACAAAGGCTGTGCCTTCTCACCTACTGCG CCCGGGACTCTGCTCTCAAGGCCAGAGTGCAGTGCACGAGCAGAAGACCCTGCCAGGA TGAATCGTCCGATCCAAGTGAAGCCAGCTGCCAGTGAGGGCCGAGGAGAGGACCGAAAGC TGTTTGTGGGATGCTGGCAAGCAGCAGGGTGAGGAGGACGTCAGACGCCTGTTCCAGC CCTTTGGCCACATCGAGGAGTGCACGGTCTGCGGAGTCTGACGGCACCAGTAAAGGCT GTGCCTTTGTGAAGTTCGGGAGTCAAGGGGAAGCTCAAGCGGCCATCCGGGGTCTGCACG GCACCGGACCATGGCGGGCGCCTCGTCCAGCCTCGTGGTCAAGCTGGCGGACACCGACC GGGAGCGCGCGCTGNCGCGGATGCAGCAAATGCCGGCCACTGGGCCCTCCACCCGGC CACTGCGCTAGGGGCTGCGCGCTACACCACGGATCCTGCAGCACAGGCGGCCTGCTG CGCGGCCAAGGCC
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_052840
<b>Insert Size:</b>	2826 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_052840.3</a> , <a href="#">NP_443072.3</a>
<b>RefSeq Size:</b>	3417 bp
<b>RefSeq ORF:</b>	1446 bp
<b>Locus ID:</b>	60677
<b>UniProt ID:</b>	<a href="#">Q96J87</a>
<b>Cytogenetics:</b>	15q23

**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).