

Product datasheet for **SC126777**

CUG BP1 (CELF1) (AK056024) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CUG BP1 (CELF1) (AK056024) Human Untagged Clone
Tag:	Tag Free
Symbol:	CUG BP1
Synonyms:	BRUNOL2; CUG-BP; CUGBP; CUGBP1; EDEN-BP; hNab50; NAB50; NAPOR
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for AK056024, the custom clone sequence may differ by one or more nucleotides

```
TAAAGTGCAGCTCAAACGTTTGAAGAATGACAGCAAGCCCTACTGAGCGTCTCCCCTCTGAGACTGGAG
TGAGAGGGTCTTCTGGTAAGTGGGGGAGGAGCACCCCTAATGATTCGAAGCCCTGAGGCTGTGTGTTGAC
AGCCCTGGACCCTGATCCCTGCCACTCTCGCAGGCACAGCTTGCCTGAAGACTCGGCTACTGCCTCTG
TGGGAGTTTCGCTTCGTACAGAGGACAAGTTTGTGCTTTGGTTTTCCAGTGTTTTACTTTGGAGTTTAGGT
GCCATATCCTGAGGTTTTTTTTGTTTTGTTTTGTTTTCTCCTTATTTAAAGTTTGCTGTGTTGTAAC
CAGTGTGTGTTGAGAAGGACCAACACCAACCACCCTGGGGAAGGGGGACAGGAAAACATTTAACACAGA
CGATGATCAGGATTTGCCCAAACCACCCCAAGAGAGAGGACTGAGTGGAAACAAAAAGTGACCCCCAGA
ACCTCTCTTAGTGTGAGGGTGGGTAGAATGAGAACTGACACCTGGGAGCTGTGGGAGCAGAGCGGCTTT
GGGGAAGAGTGGAGTGACTAGACACCTAATGCCCTGGCAGCTGGAGACTCAAACCTCTGTACAGCTACCT
TCTGGAAATAGTTTTTACACCTATTTTTAGATTCTGTCCGGAATTTCTGCTGCTTTTTCAAAAAA
GGGCATTAACAATTCTCTGGAATAAAGCACCTGTTAGCCTGACATATGCAAAAAGCAGGGCGGCATCAC
CCATTACGAGCTCCCCAGCCAGCAGTCAATTGGATTGGCCTTGCCTGGCTGGTGGCAGTTTGGGAGA
AACAGCCAAAGAGGTTAGTTTTTCAACACCAAATTAGACCATGGCCCATTTCCAACGGGTCTCTTTAA
AGGCCTCTATGGAATACATTGCCTGGTTTTCTTCTTTGCGAGTTCACCACAGCAAGGAATGTCACCTCCAT
CCCAAGCCACCATTTTTCTCATGAAGGCAATCCAAGAAGGGCTTGCAGTCTTGTGTAAGGGGGTACCAT
TTGTGGGCAGAGTGATCAATACCATCTAGTTGGGGGAGGAGGAGCTTATTTCTTGGTGTACTTGAATCAG
AAGGTCCTGCAAGCCAGTATGCTTCATTTGCCAGTGGCCAGAAATCTCCCTTGCCTCCTTGATTGAGG
TGTCCCAGATGTAGTATCCACAGGGGTCTGGCAGGCCCTCCTGTAACCACTCCAGTCAATTTTTCTG
CTCTTGGGCAGAGGTGACATCAGGACGTTTACAGCCTCCACATGAATTGAGTGTCTATTACTCAGTA
TTACCGTGTTCATTTTTGCTCCTGCTACAGTTAGCTCCTGCCGCTCTTGCAGGCTTACTTACAGT
CTTGCCTGTGACCACACAGCTTCTGGGCTCTGCCTCTGCTCTAAGAAGTGTGTGGGGGTAGAGAACA
GGAAGGACATGCTGTTGGGAATGTACACCTGGGCAGAGGTGGCCCTGTTAAGATGTGACTGTAGCCACAG
CCAGGGATGGGATCCCTGGGCTCTGGAATCTGAAACCTCAACAAATACCAGTCTTGACCCTAGCAGCA
GAGATAAGAATAAAGGGGTTGGTTTGCTATTAAGTCAGATGGGGGCTCTCCTTGTGATGCTGTCCCTG
TGGGTAACAGACAGGGATTGACCATCTTACTGTTACAGGTAGCTGGTGGTGTGGATTATCCATTGA
AGCTGGGACAGCTGTTCCCTTCTCATAGTATAACTTGGGTCTGTTGTCCTTAAGGAACGTGAAACATA
CACTTCTTAAGCTGAACCACGTAACCTGAAATCTGCGCACTGGGAGAAATGTGCTGCTGTTTCAAAG
GATAAACTGTTCTAAAGGCTTCCAGGGTCATGATGGGATTTTTTAAATAAATGCAAAAAAT
```

5' Read Nucleotide Sequence:

>OriGene 5' read for AK056024 unedited

```
TACGACTACTATAGGGCGGCCGAATTCGCACGAGGCACCTGTTAGCCTGACATATGCA
AAAAGCAGGCGGCATCACCCATTACGAGCTCCCCAGCCAGCAGTCAATTGGATTGGC
CTTGCCTGGCTGGTGGCAGTTTGGGAGAAACAGCCAAAGAGGTTAGTTTATTTCAACACC
AAATTAGACCATGGCCATTTCCAACGGGTCTCTTTAAAGGCCTCTATGGAATACATTGC
CTGTTTTCTTCTTTGCGAGTTCACCACAGCAAGGAATGTCACCTCCATCCCAAGCCACCA
TTTTCTCATGAAGGCAATCCAAGAAGGGCTTGCAGTCTTGTGTAAGGGGGTACCATTT
GTGGGCAGAGTGATCAATACCTCTTAGTTGGGGGAGGAGGAGCTTATTTCTTGGTGTACT
TGAATCAGAAGGTCCTGCAAGCCAGTATGCTTCATTTGCCAGTGGCCAGAAATTTCTCC
TTGCCTCCTTGATTGAGGTGTCCAGATGTAGTATCCACAGGGGTCTGGCAGGCCCT
CCTGTAACCACTCCAGTCAATTTCTGCTCTTGGGCAGAGGTGACATCAGGACGTTTA
CAGCCTCCACATGAATTGAGTGTTCATTTACCTCAGTATTACCGTGTTCATTTTTGCTCT
CGTGCTACAGTTAGCTCCCTGCCGCTCTTGCANGTCTTACTTCAGCTCTTGCCTGTGAC
CCACACAGCTTCTGGGCTCTGCCTCTGCTCTAAGAAGTGTGTGGGGGTAGAAGACCAGG
AAGGACATGCTGTTGGGAATGTACACCTNNGGCAGAGTGGCCCTGTTAAGATGTGACTGT
AGCCCAGCCAGGGATGGGATCCCTGGGTCTCTGAATCTGAAACCTCAATAACAGTCTTG
ACCTACAGCAAAAGAATAAAGGGGGTGTGCTATAGTAGATGGGCTTCTGTATCTGC
CTGTGGACANACAGAN
```

Restriction Sites:	NotI-NotI
ACCN:	AK056024
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:	AK056024.1
RefSeq Size:	1952 bp
RefSeq ORF:	1952 bp
Locus ID:	10658
Cytogenetics:	11p11.2
Protein Families:	Druggable Genome
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. This gene may play a role in myotonic dystrophy type 1 (DM1) via interactions with the dystrophin myotonic-protein kinase (DMPK) gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]