

Product datasheet for **SC308815**

BRUNOL5 (CELF5) (NM_021938) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRUNOL5 (CELF5) (NM_021938) Human Untagged Clone
Tag:	Tag Free
Symbol:	BRUNOL5
Synonyms:	BRUNOL-5; BRUNOL5; CELF-5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_021938 edited
 CCGCCGCCCGCCGCCCGCTCGGTCCCGCGCCCGCCATGGCCCGCTGACGGAGAGCGA
 GGCGCGCCGGCAGCAGCAGCAGCTCCTGCAGCCGGGCCCTCGCCGTGGGCAGCAGCGG
 GCCCGAGCCCCCGGGGGGCAGCCCGACGGCATGAAGGACCTGGACGCCATCAAACCTCTT
 CGTGGGCCAGATCCCCCGGCACCTGGACGAGAAGGACCTCAAGCCGCTCTTCGAGCAGTT
 CGGCCGCATCTACGAGCTCACGGTGCTCAAAGACCCCTACACGGGGATGCACAAAGGCTG
 TGCCCTTCTCACCCTACTGTGCCAGGGATTCCGCCATCAAAGCTCAGACTGCCCTGCACGA
 GCAGAAGACCTTGCCCGGAATGGCGCGGCCAATCCAGGTGAAGCCTGCGGACAGTGAAAG
 CCGCGGAGGTAGGGACCGGAAGCTGTTCTGTGGGGATGCTGAACAAGCAGCAGTCGGAGGA
 GGACGTGCTGCGGCTGTTCCAGCCCTTCGGGGTCAATTGACGAGTGCACCGTGCTCCGGGG
 GCCTGACGGCAGCAGCAAAGGCTGTGCTTTCGTGAAGTTCTCTCCACACGGAGGCGCA
 GGCGGCCATCCACGCCTTGATGGGAGCCAGACCATGCCGGGAGCCTCTCCAGCCTGGT
 GGTCAAGTTCGCGACACGGACAAGGAGCGGACGCTCCGGCGCATGCAGCAGATGGTGGG
 CCAGCTGGGCATCTGACGCCGTCCCTCACATTGCCCTTCAGCCCTACAGTGCCTACGC
 CCAGGCTCTCATCAACAGCAGACAACAGTCTGTCCACCTCGGGCAGCTACCTGAGTCC
 CGGCGTGGCCTTCTCACCTGTACATCCAGCAGATAGGCGCCGTGAGCTCAACGGGCT
 GCCTGCCACACCCATCGCTCCTGCCTCTGGGCTGCACTACCCCCGCTGTGGGACCCAC
 CGCTGTGCTGGCCTCGTGGCTCCCATCACAATGGCTTTGCAGGTGTCGTGCCCTTTCC
 AGGTGGGACCCCTGCCCTGGAAACCGTCTATGCCAATGGCCTTGTGCCCTACCCAGCTCA
 GAGCCCGACTGTGGCCGAGACACTGCATCCTGCCTTCTCCGGAGTCCAGCAGTACACAGC
 CATGTACCCACCGCGGCCATCACGCCATCGCGCACAGCGTCCCCAGCCGCCGCCCT
 CCTGCAGCAGCAGCAGCAGAGAAGGTCCCGAGGGCTGTAACCTGTTTATCTACCACCTCCC
 CCAGGAGTTTGGAGACACGGAGCTGACGCAGATGTTCTACCTTCGGCAATATCATTTT
 CTCCAAGGTGTTTATGGATCGAGCTACCAACCAGAGCAAGTGTTTCGGCTTCGTGAGCTT
 TGATAACCCGGCCAGCGCCAGGCAGCCATCCAGGCCATGAACGGCTTCCAGATCGGCAT
 GAAGAGGCTCAAAGTCCAGCTGAAGCGGCCAAAGACCCGGGACACCCCTACTGACCGCG
 CCCACAGCCGCCCTGAGGCTGTAGGCATGGCCAGACCTGCGTGATTTGTACAATGTACT
 TTATTTCTGCTACGAGTAATTTTCATGAAGTTTCAACTTGCAAACCTGACTTTTGGGACAAA
 CCAACACACACAGAAGAGAAAGCAAGAAGTGGAACTTTGGGTTGACTCGGTTTGAG
 TTTTGTGTCAAAGAAGATTTCCCGCGGCTGAAGAGGTTGGTGTCTCTGTACGTGTTTCA
 GGTGAGAAAGCAGCAAAGCGTCTTAATGTTCAAAACGCCTCTCTTTGGTCTGGAGAAAAA
 AAAAAAAAAAAAAAAAAAACTAAAAATTTATTTAATAAAAGTTTACTTGCTAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_021938

Insert Size: 1900 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 be a perfect match to NM_021938.3.

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:	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_021938.3, NP_068757.2</u>
RefSeq Size:	1894 bp
RefSeq ORF:	1458 bp
Locus ID:	60680
UniProt ID:	<u>Q8N6W0</u>
Cytogenetics:	19p13.3
Domains:	RRM
Gene Summary:	This gene encodes a member of the the CELF/BRUNOL protein family, which 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. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012] Transcript Variant: This variant (1) encodes the longer isoform (1).