

Product datasheet for **RG230113**

BRUNOL6 (CELF6) (NM_001172684) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRUNOL6 (CELF6) (NM_001172684) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CELF6
Synonyms:	BRUNOL6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG230113 representing NM_001172684
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCGCGCGCCGGGAGGGTCAAGCAGCCCGCTGGCCCCGGCCGCGCTGGGTTTCAGCACCGCGG
 ACAGCGCGCTCGCATGAGCGGGCTAAACCCCGTCCCGCGTACCCATGAAGGACCACGACGCCATCAA
 GCTCTTCGTGGGCGAGATCCCGCGGGGCTTGGACGAGCAGGACCTCAAGCCGCTGTTTCGAGGAGTTCGGC
 CGCATCTACGAGCTGACGGTGTGAAGGACCGGCTCACCGGCTCCACAAAGGCTGTGCCTTCTCACCT
 ACTGCGCCCGGACTCTGCTCTCAAGGCCAGAGTGCAGTGCAGCAGCAGAAGACCCTGCCAGGGATGAA
 TCGTCCGATCCAAGTGAAGCCAGCTGCCAGTGAAGGCGGAGGAGAGGACCAGAAAGCTGTTTGTGGGGATG
 CTGGGCAAGCAGCAGGGTGAAGGAGCAGTGCAGCAGCTGTTCCAGCCCTTGGCCACATCGAGGAGTGCA
 CGGTCTCGGGAGTCTGACGGCACCAGTAAAGGCTGTGCCTTTGTGAAGTTCGGGAGTCAAGGGGAAGC
 TCAGGCGGCCATCCGGGTCTGCACGGCAGCCGACCATGGCGGGCGCCTCGTCCAGCCTCGTGGTCAAG
 CTGGCGGACACCGACCGGAGCGCGCTGCGGGGATGCAGCAGATGGCCGGCCACCTGGGCGCCTTCC
 ACCCCGCGCCACTGCCGCTAGGGGCTGCGGCGCTACACCACGGCGATCCTGCAGCACCAGGCGGCCCT
 GCTGGCGGCGGCACAGGGCCAGGCCTAGGCCCGGTGGCGGCACTGGCGGCCAGATGCAACACGTGGCG
 GCCTTTAGCCTGGTAGCTGCGCCTCTGTTGCCCGGCGAGCAGCAACTCCCGCCTGGCAGCGGCCCTG
 GCACCCTCCAGGCTTCCGGCGCCCATCGGGTCAATGGATTGCGCCCTCTGACCCCCAGACCAATGG
 CCAGCCGGGCTCCGACACGCTCTACAATAACGGGCTCTCCCTTATCCAGCCAGAGCCCCGGCGTGGCT
 GACCCCTGCAGCAGGCTACGCTGGGATGCACCACTACGAGCCCGAAGGCTGTAACCTCTTCATCT
 ATCACCTGCCTCAGGAGTTTGGTATGCGGAACATACAGACATTCTGCCCTTTGGAGCCGTTGTCTC
 TGCTAAAGTCTTTGTGGATCGAGCCACCAACAGAGCAAGTGTTCGGGTTTGTAGTTTGGACAATCCA
 ACTAGTGCCAGACTGCTATTCAGGCGATGAATGGCTTTCAAATTGGCATGAAGAGGCTCAAGTCCAGC
 TAAAGCGGCCAAGGATGCCAACCGCCTTAC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG230113 representing NM_001172684
 Red=Cloning site Green=Tags(s)

MAAAPGGSAPAGPGRLLGFSTADSGVMSGLNPGPAVPMKDHDIAIKLFVQIPRGLDEQDLKPLFEFEG
 RIYELTVLKDRLTGLHKGCAFLTYCARDSALKAQSALHEQKTLPGMNRPIQVKPAASEGRGEDRKLFGVM
 LGKQQGEEDVRRLLFQPFGHIEECTVLRSPDGTSGKCAFVKFGSQGEAQAAIRGLHGSRTMAGASSSLVVK
 LADTDRELRALRRMQQMAGHLGAFHPAPLPLGACGAYTTAILQHQAALLAAAQGPGLGPVAAVAAQMQHVA
 AFSLVAAPLLPAAAANSPPGSGPGTLPGLPAPIGVNFGGPLTPQTNGQPGSDTLYNNGLSPYPAQSPGVA
 DPLQQAYAGMHYAGPEGCNLFYHLPQEFGDAELIQTFLPFGAVVSAKVFVDRATNQSKCFGFVSFDNP
 TSAQTAIQAMNGFQIGMKRLKVQLKRPKDANRPY

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

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_001172684.1</u> , <u>NP_001166155.1</u>
RefSeq Size:	3081 bp
RefSeq ORF:	1365 bp
Locus ID:	60677
UniProt ID:	<u>Q96J87</u>
Cytogenetics:	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]