

Product datasheet for **RG205606**

BRUNOL6 (CELF6) (NM_052840) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRUNOL6 (CELF6) (NM_052840) 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)



[View online »](#)

ORF Nucleotide Sequence:

>RG205606 representing NM_052840
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGCGGCGCCGGGAGGGTCAGCGCAGCCCGTGGCCCCGGCCCGCCTGGGTTTCAGCACCGCGG
 ACAGCGCGCTCGGCATGAGCGGGCTAAACCCCGTCCCGCGTACCCATGAAGGACCACGACGCCATCAA
 GCTCTTCGTGGGCGAGATCCCGCGGGGCTTGGACGAGCAGGACCTCAAGCCGCTGTTTCGAGGAGTTCGGC
 CGCATCTACGAGCTGACGGTGTGAAGGACCGGCTCACCGCCTCCACAAAGGCTGTGCCTTCTCACCT
 ACTGCGCCCGGACTCTGCTCTCAAGGCCAGAGTGCAGTGCACGAGCAGAAGACCCTGCCAGGGATGAA
 TCGTCCGATCCAAGTGAAGCCAGCTGCCAGTGAAGGCGGAGGAGAGGACCAGAAAGCTGTTTGTGGGGATG
 CTGGGCAAGCAGCAGGGTGAAGGAGCAGTGCAGCGCTGTTCCAGCCCTTGGCCACATCGAGGAGTGCA
 CGGTCTCGGAGTCTGACGGCACCAGTAAAGGCTGTGCCTTTGTGAAGTTCGGGAGTCAAGGGGAAGC
 TCAGGCGGCCATCCGGGTCTGCACGGCAGCCGACCATGGCGGGCGCCTCGTCCAGCCTCGTGGTCAAG
 CTGGCGGACACCGACCGGAGCGCGCTGCGGGGATGCAGCAGATGGCCGGCCACCTGGGCGCCTTCC
 ACCCCGCGCCACTGCCGCTAGGGGCTGCGGCGCTACACCACGGCGATCCTGCAGCACCAGGCGGCCCT
 GCTGGCGGCGGCACAGGGCCAGGCCTAGGCCCGGTGGCGGCACTGGCGGCCAGATGCAACACGTGGCG
 GCCTTTAGCCTGGTAGCTGCGCCTCTGTTGCCCGGCAGCAGCAACTCCCGCCTGGCAGCGGCCCTG
 GCACCCTCCAGGCTTCCGGCGCCCATCGGGTCAATGGATTCCGGCCCTGACCCCCAGACCAATGG
 CCAGCCGGGCTCCGACACGCTCTACAATAACGGGCTCTCCCTTATCCAGCCAGAGCCCCGGCGTGGCT
 GACCCCTGCAGCAGGCTACGCTGGGATGCACCACTACGAGCAGCCTATCCGTCGGCCTATGCCCCAG
 TGAGCACAGCTTTTCCAGCAGCCTTCCAGCCCTGCCCCAGCAGCAGAGAAGGCCCGGAGGCTAA
 CCTCTTCACTACCTGCCTCAGGAGTTTGGTGTGATGCGGAACCTACACAGACATTCTGCCCTTTGGA
 GCCGTTGTCTCTGCTAAAGTCTTTGTGGATCGAGCCACCAACCAGAGCAAGTGTGTTGGGTTTGTAGTT
 TTGACAATCCAACCTAGTCCAGACTGCTATTCAGGCGATGAATGGCTTTCAAATTGGCATGAAGAGGCT
 CAAGGTCCAGCTAAAGCGGCCCAAGGATGCCAACCGGCCCTTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG205606 representing NM_052840
 Red=Cloning site Green=Tags(s)

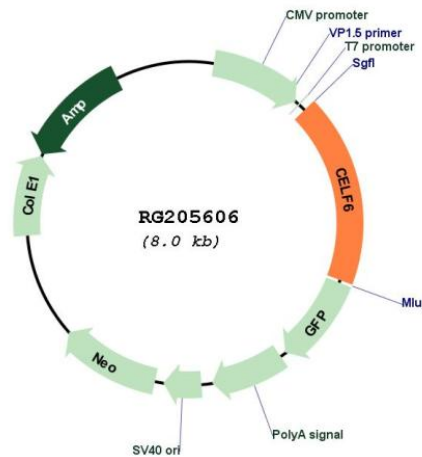
MAAAPGGSAPAGPGPRLGFSTADSGVMSGLNPGPAVPMKDHDIAIKLFVQIPRGLDEQDLKPLFEEFG
 RIYELTVLKDRLTGLHKGCAFLTYCARDSALKAQSALHEQKTLPGMNRPIQVKPAASEGRGEDRKLFGVM
 LGKQQGEEDVRRLLFPFGHIEECTVLRSPDGTSGKCAFVKFGSQGEAQAAIRGLHGSRTMAGASSSLVVK
 LADTDRELRALRRMQMAGHLGAFHPAPLPLGACGAYTTAILQHQAALLAAQGPGLGPVAAVAAQMQHVA
 AFSLVAAPLLPAAAANSPPGSGPGLPGLPAPIGVNGFGLTPQTNGQPGSDTLYNNGLSPYPAQSPGVA
 DPLQQAYAGMHYAAAYPSAYAPVSTAFPQQPSALPQQQREGPEGCNLFYHLPQEFGDAELIQTFLPFG
 AVVSAKFVDRATNQSCKCFVSVFDNPTSAQTAIQAMNGFQIGMKRLKVQLKRPKDANRPY

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_052840

ORF Size: 1443 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_052840.5](#)

RefSeq Size: 3417 bp

RefSeq ORF: 1446 bp

Locus ID: 60677

UniProt ID: [Q96J87](#)

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]