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Product datasheet for RG208465

CELF3 (NM_007185) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CELF3 (NM_007185) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CELF3
Synonyms:	BRUNOL1; CAGH4; ERDA4; ETR-1; TNRC4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

ORF Nucleotide Sequence:

>RG208465 representing NM_007185
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAAGGAGCCGGATGCCATCAAGCTGTTTGTGGGGCAGATCCCGAGGCACCTGGAGGAGAAGGACCTGA
AGCCCATCTTCGAACAGTTTGGTCGGATCTTTGAGCTGACTGTCATCAAGGACAAGTACACCGGGCTGCA
CAAGGGATGTGCCTTCCTGACATACTGTGCCCGGGATTCAGCCCTGAAGGCCCAGAGCGCCCTGCACGAA
CAGAAGACGCTTCCAGGGATGAACAGGCCGATCCAGGTCAAGCCAGCCGACAGCGAGAGCCGAGGAGAAG
ACCGGAAGCTCTTTGTGGGGATGCTAGGGAAGCAGCAGACAGATGAGGACGTCCGGAAGATGTTTGAGCC
CTTCGGGACCATCGACGAGTGCACTGTGCTCCGGGGGCCAGATGGCACCAGCAAAGGCTGCGCCTTCGTG
AAGTTCCAGACCCACGCTGAGGCCAAGGCGGCCATCAACACCCTTCACAGCAGCCGGACCCTGCCAGGTG
CCTCGTCCAGCCTGGTGGTGAAGTTTGCTGACACTGAGAAGGAGCGAGGTCTCCGCCGCATGCAGCAGGT
GGCCACCCAGTTGGGCATGTTCAGCCCCATCACCCTCCAGTTTGGAGCCTACAGCGCCTACACCCAGGCC
CTGATGCAGCAGCAGGCGGCCCTGGTAGCGGCTCACAGTGCCTACCTCAGCCCCATGGCCACCATGGCTG
CCGTGCAGATGCAGCACATGGCTGCCATCAATGCCAATGGCCTCATCGCCACCCCCATCACCCCATCCTC
AGGAACCAGCACCCCTCCTGCCATCGCTGCCACGCCTGTCTCTGCCATTCCGGCTGCCCTGGGCGTCAAC
GGCTACAGCCAGGTGCCCACCCAGCCCACTGGGCAGCCTGCCCCTGATGCTCTGTATCCCAACGGGGTTC
ACCCCTACCCAGCCCAGAGCCCCGCGGCCCCCGTGGACCCCCTGCAGCAGGCCTACGCGGGGATGCAGCA
CTACACAGCCTACCCAGCAGCCTACAGCCTGGTTGCACCTGCGTTCCCGCAGCCTCCAGCCCTGGTCGCC
CAGCAGCCCCCACCACCACCTCAACAGCAGCAGCAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAAAGAG
AAGGCCCTGATGGCTGCAACATCTTCATCTACCACCTGCCCCAGGAGTTCACTGACTCAGAGATCCTCCA
GATGTTTGTCCCCTTTGGCCACGTCATCTCAGCCAAAGTCTTTGTTGACCGAGCCACCAATCAAAGCAAA
TGTTTTGGCTTTGTGAGTTTCGACAATCCGGCCAGTGCCCAGGCTGCCATCCAGGCCATGAATGGCTTCC
AGATCGGCATGAAGCGCCTCAAAGTCCAGCTAAAGCGGCCTAAGGATGCCAACCGGCCCTAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

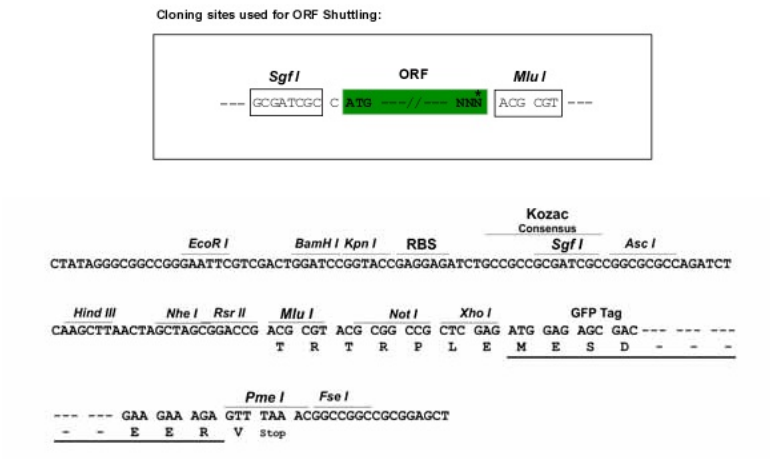
>RG208465 representing NM_007185
Red=Cloning site Green=Tags(s)

MKEPDAIKLFVGQIPRHLEEKDLKPIFEQFGRIFELTVIKDKYTGLHKGCAFLTYCARDSALKAQSALHE
QKTLPGMNRPIQVKPADSESRGEDRKLFVGMLGKQQTDEDVRKMFEPFGTIDECTVLRGPDGTSKGCAFV
KFQTHAEAKAAINTLHSSRTLPGASSSLVVKFADTEKERGLRRMQQVATQLGMFSPITLQFGAYSAYTQA
LMQQQAALVAAHSAYLSPMATMAAVQMQHMAAINANGLIATPITPSSGTSTPPAIAATPVSAIPAALGVN
GYSQVPTQPTGQPAPDALYPNGVHPYPAQSPAAPVDPLQQAYAGMQHYTAYPAAYSLVAPAFPQPPALVA
QQPPPPPQQQQQQQQQQQQQQQREGPDGCNIFIYHLPQEFTDSEILQMFVPFGHVISAKVFVDRATNQSK
CFGFVSFDNPASAQAAIQAMNGFQIGMKRLKVQLKRPKDANRPY

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



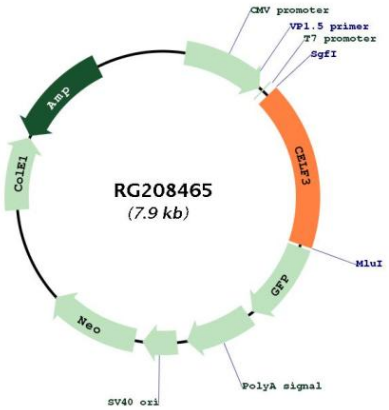
ACCN:	NM_007185
ORF Size:	1392 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own 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_007185.3, NP_009116.3
RefSeq Size:	3297 bp
RefSeq ORF:	1398 bp
Locus ID:	11189
UniProt ID:	Q5SZQ8
Cytogenetics:	1q21.3

Domains: RRM

Protein Families: Transcription Factors

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]

Product images:



Circular map for RG208465