

Product datasheet for **RR210084**

Celf3 (NM_001109190) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Celf3 (NM_001109190) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Celf3
Synonyms:	RGD1563168; Tnrc4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR210084 representing NM_001109190
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGGAGCCGGATGCCATCAAGCTGTTTGTGGGCAGATCCCAGGCATCTGGAGAAAAGACCTGA
 AGCCCATCTTCGAGCAGTTTGGTCGGATCTTCGAGCTGACTGTCATCAAGGACAAGTACACCGGGCTGCA
 CAAGGGATGTGCTTTCCTGACGTACTGTCTCGGATTACGCCCTGAAGGCCAGAGTGCCTGCACGAA
 CAGAAGACTCTCCAGGGATGAACAGGCCGATCCAGGTCAAGCCAGCCGACAGCGAGAGTGCAGGAGAAG
 ACCGGAAGCTCTTTGTGGGGATGCTAGGAAAGCAGCAGACAGATGAGGATGTCCGGAAGATGTTTGAACC
 GTTTGGGACTATAGACGAGTGCCTGTCTCGGGGGCCAGACGGGACCAGCAAAGGCTGTGCCTTTGTG
 AAGTTCAGACTCATGCTGAGGCCAGGCAGCCATTAACACTCTTACAGCAGCCGGACTCTACCGGGT
 CCTCATCCAGCCTGGTGGTAAAGTTTGTGACACAGAGAAGGAGCGAGGTCTCCGCCGGATGCAGCAGT
 GGCTACCCAGCTGGGCATGTTCCAGCCATCGCCCTCCAGTTTGGAGCCTACAGCCCTACACCCAGGCC
 CTGATGCAGCAGCAGGCCGCCCTGGTAGCAGCTCACAGTGCCTACCTCAGCCCTATGGCCACCATGGCTG
 CCGTGCAGATGCAGCACATGGCTGCCATCAATGCCAATGGCCTCATCGCCACCCCATCACTCCATCCTC
 AGGAACAGCACCCTCCTGCCATTGCTGCCACGCCGGTCTCTGCCATTCTGCTGCCTTGGGCGTCAAC
 GGCTACAGCCCAGTGCCACCCAGCCCACGGGGCAGCCTGCCCTGATGCTCTCTATCCCAACGGGGTTC
 ACCCTTACCCAGCCCAGAGCCCTGCAGCCCTGTGGACCTCTCCAGCAGGCCTACGCAGGAATGCAGCA
 CTACACAGCAGCCTACCTGCAGCCTACAGCCTGGTTGCACCTGCGTTCCCGCAGCCTCCAGCCCTGGT
 GCCCAGCAGCCCCACCACCCTCAGCAGCAACAGCAGCAGCAGCAGCAACAGCAGCAGCAGCAGCAGC
 AGCAACAGCAGCAGCAGCAGCAGCAGCGGGAAGGCCCTGATGGCTGTAACATTTTCACTACCCCTGCCCA
 GGAGTTACAGACTCCGAGATCCTCCAGATGTTTGTCCCTTTTGGTCATGTCATCTCAGCCAAAGTCTTT
 GTTGACCGGGCCACCAATCAGAGCAAATGTTTTGGCTTTGTGAGTTTCGACAATCCGGCCAGTGCCAGG
 CTGCCATCCAGGCTATGAACGGTTTCCAGATTGGCATGAAGCGCCTCAAAGTCCAGCTAAAGCGGCCTAA
 GGATGCAACAGACCCTAC

**ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence:

>RR210084 representing NM_001109190
 Red=Cloning site Green=Tags(s)

MKEPDAIKLFVQIIPRHLEEKDLKPIFEQFGRIFELTVIKDKYTGLHKGCAFLTYCARDSALKAQSALHE
 QKTLPGMNRPIQVKPADSESRGEDRKLFGMLGKQQTDEDVVRKMFEPFGTIDECTVLRGPDGTSKGCFAV
 KFQTHAEAQAINTLHSSRTLPGASSLVVVFADTEKERGLRRMQVATQLGMFSPIALQFGAYSAYTQA
 LMQQQAALVAHSAYLSPMATMAAVQMQHMAAINANGLIATPITPSSGSTPPAIAATPVSAIPAALGVN
 GYSPVPTQPTGQPAPDALYPNGVHPYPAQSPAAPVDPLQQAYAGMQHYTAAYPAAYSLVAPAFPQPPALV
 AQQPPPPPPQQQQQQQQQQQQQQQQQQQQQQREGPDGCNIFIYHLPQEF TDSEILQMFVFPFHVISAKVF
 VDRATNQSKCFGFVSDNPASQAQAIQAMNGFQIGMKRLKVQLKRPKDANRPY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

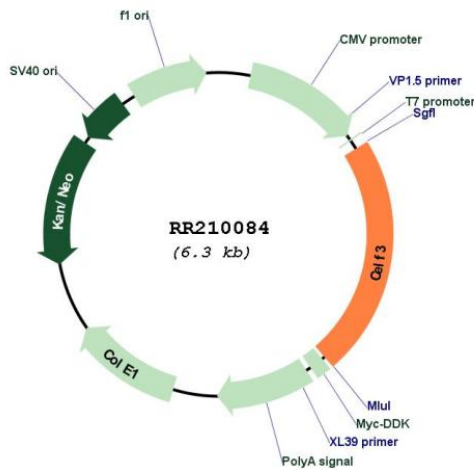
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001109190

ORF Size: 1419 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_001109190.2](#), [NP_001102660.1](#)

RefSeq Size: 3234 bp

RefSeq ORF: 1422 bp

Locus ID: 499669

Cytogenetics: 2q34

MW: 51.6 kDa