

Product datasheet for RR214121

Elf5 (NM_001108956) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elf5 (NM_001108956) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Elf5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214121 representing NM_001108956
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTGGACTCTGTAACCCATAGCACCTTCTGCCAACGCTTCCTTCTGTGACCCCTGATGTCTTGGAC
 CCGATCTGTTCAACAATGAAGAATATTACCTGCCTTTGAGCATCAGACAGCCTGTGATTCTACTGGAC
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 AAGCTCGACGCCAACTGCATCTCCTTCTGTCACTTCAACATCAGCGGTCTGCAGCTGTGCAGCATGACGC
 AGGAGGAGTTCATTGAGGCAGCCGGCATCTGTGGGGAGTACCTGTACTTCATCCTCCAGAACATTCGCTC
 ACAAGGTTATTCTTTTTCAACGATGCTGAAGAGACTAAGACCGCCATCAAAGATTATGCTGATTCCAGT
 TGCTTGAAAACAAGTGGCATCAAGAGTCAAGACTGTCCACCCGAACAAACCTCCAAAGTTCTCACCTGT
 GGGAAATTTGTCAGAGACTTGCTTCTGTCTCCTGAAGAAAAGTGTGGCATCTTGGAGTGGGAAGACAGGGA
 GCAGGGCATCTCCGAGTGGTTAAGTCAGAAGCCCTGGCAAAGATGTGGGGACAAAGGAAGAAAAACGAC
 AGGATGACGTATGAAAAGTTGAGCCGAGCCCTGAGATACTACTATAAAACGGGAATTTGGAGCGGGTTG
 ACCGGCGTTAGTGTACAAATTTGAAAAAATGCGCACGGGTGGCAGGAAGAGAAACTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence: >RR214121 representing NM_001108956
 Red=Cloning site Green=Tags(s)

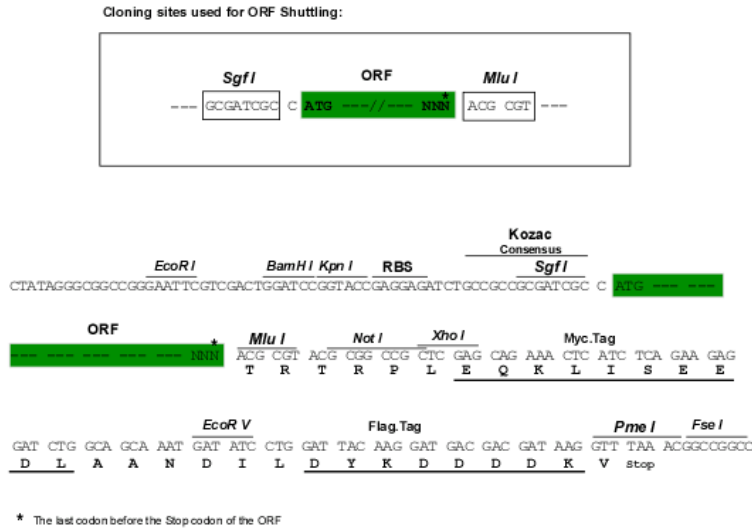
MLDSVTHSTFLPNASFCPLMSWTDLFFNNEEYYPAFEHQTACDSYWTSVHPEYWTKRHVWELQFCCDQY
 KLDANCSFCHFNISGLQLCSMTQEEFIEAAGICGEYL YFILQNIQSQYSFFNDAEETKTAIKDYADSS
 CLKTSGIKSQDCHTRTNLQSSHLWEFVRDLLLSPEENCGILEWEDREQGIFRVVKSEALAKMVGQRKKN
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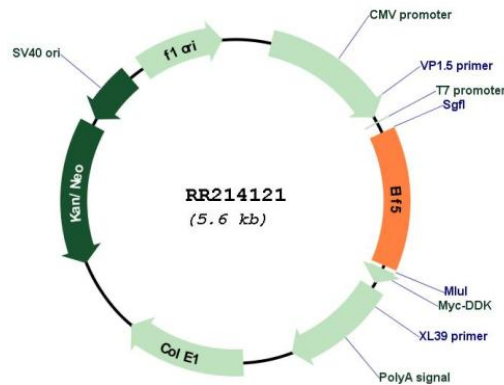


Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108956

ORF Size: 759 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:	<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_001108956.1, NP_001102426.1</u>
RefSeq Size:	2138 bp
RefSeq ORF:	762 bp
Locus ID:	366142
Cytogenetics:	3q32
MW:	30 kDa