

Product datasheet for **RR207833**

Elov1 (NM_001044275) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elov1 (NM_001044275) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Elov1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR207833 representing NM_001044275
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCTGTTGTGAAGTTGTACCAGGAATTGATGAAGTGTGCAGATCCCCGGATCCAAAATATCCTC
TGATGGGATCCCCTTGCTAATAACATCCATCCTTCTGACCTATGTACTTCGTCCTATCACTTGGGCC
TCGAATCATGGCTAATCGGAAGCCTTTCCAACCTCGAGGCTTCATGATTGTCTACAATTTCTCACTGGTG
ACACTCTCCCTCTACATTGTCTATGAGTTCCTCATGTCTGGCTGGCTGAGTACGTATACCTGGCGCTGTG
ACCCTGTAGACTTTTCCAATAACCCTGAAGCACTTCGGATGGTTCGAGTGGCCTGGCTCTTCATGCTTTC
CAAGGTCATTGAAGTCACTGGACACAGTATTTATTCTCCGGAAGAAGGATGGGCAAGTACCTTCCTC
CATGTCTCCACCACTCGGTGCTTCCCTGGAGCTGGTGGTGGGGATAAAGATTGCTCCAGGAGGAATGG
GCTTTTCCATGCCATGATAAACTCCTCTGTACACGTCGTACGTACCTACTACGATTGTCTGCCCT
GGGCCCTGTGGCTCAGCCCTACCTTTGGTGAAGAAACACATGACAGCCATTACGCTGATCCAGTTCGTC
CTGGTCTCACTGCACATCAGCCAATACTACTTTCATGCCCAGCTGCAACTACCAATATCCTATCATCATCC
ACCTCATCTGGATGTACGGCACCATCTTCTTCACTGTTCTCCAACCTTCTGGTATCACTTTACACCAA
GGGAAGCGGCTGCCCGTGCAGTTCAGCAAAATGGAGCTGCAGGCTCCATGAAGTCAAGGCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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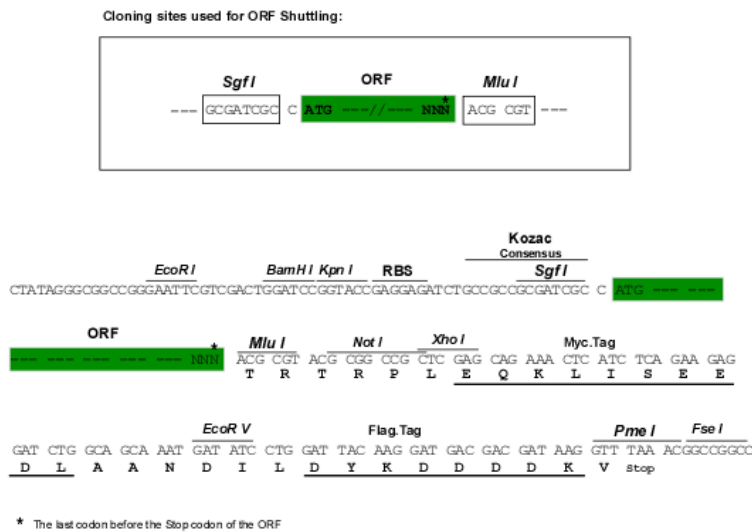
Protein Sequence: >RR207833 representing NM_001044275
Red=Cloning site Green=Tags(s)

MEAVVNLVQELMKCADPRIQNYPLMGSPLLITSILLTYVYFVLSLGRPRIMANRKPFLRGFMIVYNFSLV
 TLSLYIVVEFLMSGWLSYTWRCDPVDFSNPEALRMVRVAWLFMLSKVIELMDTVIFILRKKDQVTFLL
 HVFHHSVLPWSWWWGIKIAPGGMGSFHAMINSSVHVVMYLYYGLSALGPVAQPYLWKKHMTAIQLIQFV
 LVSLHISQYFFMPCSNYQYPIIIHLIWMYGTIFFILFSNFWYHSYTKGKRLPRAVQQNGAAASMKVKAN

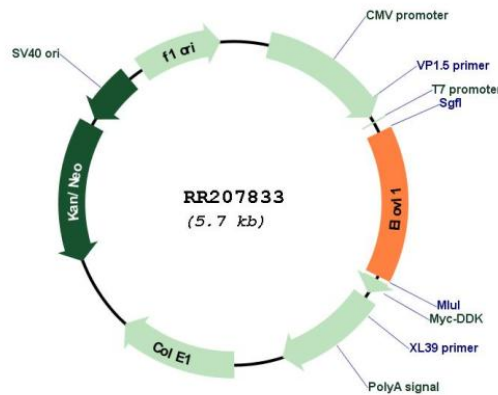
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001044275

ORF Size: 837 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:	NM_001044275.1 , NP_001037740.1
RefSeq Size:	1507 bp
RefSeq ORF:	840 bp
Locus ID:	679532
Cytogenetics:	5q36
MW:	32.6 kDa