

Product datasheet for **RR216328**

Elov14 (NM_001191796) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elov14 (NM_001191796) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Elov14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216328 representing NM_001191796 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGCTGCTGGACTCAGAGCCCAGCGTCTCTGAACGCAGTGTCCACGGCGTTCAACGACACCGTGG
AGTTCTACCGCTGGACCTGGTCCATTGCAGATAAACGTGTAGAAGACTGGCCGCTGATGCAGTCTCCATG
GCCAACACTAAGCATAAGCACACTCTATCTCCTGTTCTGTGGCTGGGGCCGAAGTGATGAAAGACCGA
GAGCCGTTTCAAATGCGCTTAGTGCTCATAATCTATAATTTTGGCATGGTTTTGCTTAACCTTTTCATCT
TCAGAGAGCTATTCATGGGATCATAACAACGCAGGATACAGCTATATTTGCCAGTCAGTGGATTATTCTAA
TGACGTTAATGAAGTCAGGATAGCTGCTGCCTTGTGGTACTTTGTATCGAAAGGAGTCGAGTATTTG
GACACAGTGTTTTTATCCTGAGGAAGAAAAACAACAGGTGTCTTTCCTTCACGTGTACCATCACTGCA
CCATGTTACACTGTGGTGGATTGGAATCAAGTGGTGGCAGGAGGCCAAGCATTTTTCGGGCCAGAT
GAATCTTTTCATCCATGTGATCATGTACTCCTACTATGGGCTGACTGCATTCGGCCCTGGATCCAGAAA
TACCTTTGGTGAAGCGGTACCTGACCATGCTGCAGCTGGTTCAGTTCATGTGACCATTTGGGCACACAG
CACTGTCTCTACACCGACTGCCCTTCCCAAGTGGATGCACTGGGCTCTGATCGCCTATGCCATCAG
CTTCATCTTCTTCTCAACTTCTACACTCGGACATACAATGAGCCCAAGAAGTCAAAAACCGGAAAG
ACGGCCACGAATGGCATCTCAGCGAACGGTGTGAACAAGTCAGAGAAGCAGCTTGTGTTAGAAAACGGGA
AACCCAGAAGAACGGGAAGCCAAAAGGAGAG

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ACAAGGATGACGACGATAAGGTTTAA



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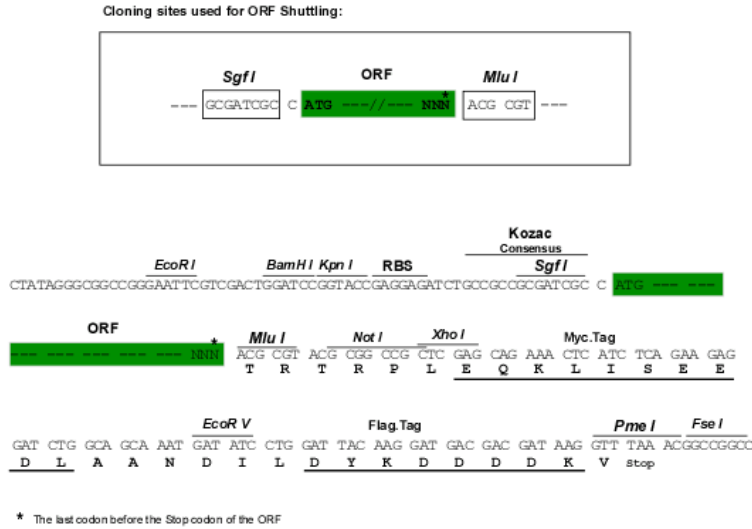
Protein Sequence: >RR216328 representing NM_001191796
 Red=Cloning site Green=Tags(s)

MGLLDSEPGSVLNAVSTAFNDTVEFYRWTWSIADKRVEDWPLMQSPWPTLSISTLYLLFVWLGPKWMKDR
 EPFQMLRLVLIYNFGMVLLNLFIFRELFMGSYNAGYSYICQSDVDSNDVNEVRIAAALWWYFVSKGVEYL
 DTVFFILRKKNNQVSFLHVVHCTMFTLWWIGIKWVAGGQAFFGAQMNSFIHVIMYSYYGLTAFGPWIQK
 YLWVKRYLTMLQLVQFHVTIGHTALSLYTDPCFPKMMHWALIAAIAISFIFLFLNFYTRTYNEPKKSKTGK
 TATNGISANGVNKSEKQLVLENGKPQKNGKPKGE

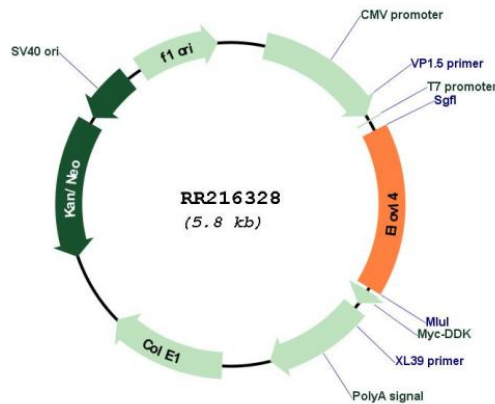
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001191796

ORF Size:	942 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_001191796.1 , NP_001178725.1
RefSeq Size:	1413 bp
RefSeq ORF:	945 bp
Locus ID:	315851
Cytogenetics:	8q31
MW:	36.8 kDa