

## Product datasheet for **RR203109**

### Farsa (NM\_001024237) Rat Tagged ORF Clone

#### Product data:

|                    |   |
|--------------------|---|
| Product Type:      | Expression Plasmids                       |
| Product Name:      | Farsa (NM_001024237) Rat Tagged ORF Clone |
| Tag:               | Myc-DDK                                   |
| Symbol:            | Farsa                                     |
| Synonyms:          | Farsla                                    |
| Vector:            | pCMV6-Entry (PS100001)                    |
| E. coli Selection: | Kanamycin (25 ug/mL)                      |
| Cell Selection:    | Neomycin                                  |



[View online »](#)

**ORF Nucleotide Sequence:**

>RR203109 representing NM\_001024237  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCGGATAATCCCGTCTTGGAGCAGTTGCTGCGGAGGCTGGAGGTAGCTGATGGCGGCCCTGGACAGCG  
 CGGAGTTGGCTACGCAGCTGGGCGTGGAGCACCGGAGTGGTGGGCGCTGTGAAGAGCCTCCAGGCTCT  
 GGGTGAAGTCATTGAAGCCGAGCTTCGTTCTACCAAGTCTGGGAGCTGACTACTGAGGGTGAGGAGATT  
 GCCCGGGAGGGCAGCCATGAGGCCCGTGTGTTTAGAAGCATCCCTCTCGAGGGCCTGGTGC~~AAAGT~~GAGC  
 TCATGCAACTGCCAGCGGCAAGTGGGCTTCAGCAAGGCCATGTCCAACAAGTGGATCCGAGTGGACAA  
 GAGTGCAGCCGATGGGCCCGGGTGTCCGCGTGGTGGACAGTATAGAGGATGAAGTACAGAGGCGGCTG  
 CAGCAGGTCCAGGCAGGCCAGGCTGAGAAGCTGGCTGAAAAGGAAAGGAATGAGCTCCGGAAGAGGAAGC  
 TGCTGACCGAAGTGATCCTGAAAACCTACTGGGTGAGCAAGGGCAAGGGCTTCAGCACAAGTGTGTCTAA  
 GCAGGAGGCCGAGCTGAGCCCAGAGATGATCTCCAGTGGCTCCTGGAGGGACCGACCCCTTCAAACCTAC  
 AACTTCTCTGCCGTGGTGTGCTCCAGACAGTGGCCACCTGCACCCCTTACTCAAGGTCGGCTCCCACT  
 TCCGACAAATCTTCTGGAGATGGGGTTCACAGAGATGCCTACGGACAATTTTCATCGAGAGCTCCTTCTG  
 GAACCTTGGTACTCTCCAGCCTCAGCAGCACCCAGCGGTGACCAACATGATACTTTCTTCTCGCA  
 GATCCAGCCGAGGCCCTGCAGCTCCCAATGGACTATGTCCAGCGGGTGAACCGGACCCACTCCAGGGTG  
 GCTACGGCTCACAAAGGCTACAAGTATACCTGGAAGCTGGAAGAGGCGCCGAAAAACCTGCTTCGCACACA  
 TACCACAGCAGCCAGCGCCGAGCCCTTACCCTTTAGCCAGAAGAAGCCATTTACACCAGCCAAGTAC  
 TTCTCTATTGATCGTGTGTTTCGGAATGAGACGCTGGACGCCACACACCTGGCCGAGTTCACCAGATTG  
 AGGGTGTGATAGCTGACCATGGTCTCACCTGGGCCACCTCATGGGTGTACTGAGGGAGTCTTCCACCAA  
 GCTGGGAATCACACAGCTGCGCTTCAAGCGGCCCTACAACCCCTACACAGAGCCGAGGAGTGGTTC  
 AGCTACCACCAAGGTCTAAAGAAGTGGGTTGAAGTTGGCAACTCTGGAGTCTTCCGCCCTGAGATGCTCC  
 TGCCATGGGGCTCCCTGAGAATGTGTCTGTCATTGCTTGGGGTCTCTCTGGAGCGCCCAACAATGAT  
 CAAATATGGTATCAATAACATCCGAGAGCTGGTGGGCCACAAGGTGAACCTGCAGATGGTATACGACAGC  
 CCCGTGTGCCACTGGACATTGAGCCCAGGTCTCAAAGACACAGGAGGCTGCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR203109 representing NM\_001024237  
 Red=Cloning site Green=Tags(s)

MADNPVLEQLRRLEVADGGLDSEELATQLGVEHQAVVGAVKSLQALGEVIEAELRSTKCWELTTEGEEI  
 AREGSHEARVFRSIPLEGLVQSELMQLPSGKVGFSKAMSNKWIRVDKSAADGPRVFRVVDSEDEVQRRL  
 QQVQAGQAEKLAEKERNELRKRKLLTEVILKTYWVSKGKFSTSVSKQEAELESPMISGSRDRPFKPY  
 NFSARGVLPDSGHLHPLLKVRSQFRQIFLEMGFTEMPDNFIESSFWNFDALFQPQQHPARDQHDTFFLR  
 DPAEALQLPMDYVQRVCRTHSQGGYGSQGYKYTWKLEEARKNLLRTHTTAASARALYRLAQKPFTPAKY  
 FSIDRVFRNETLDATHLAEFHQIEGVIADHGLTLGHLMGVLEFFTKLGITQLRFKPAYNPNPYTEPSMEVF  
 SYHQGLKKWVEVNGSGVFRPEMLLPMGLPENVSIVAWGLSLERPTMIKYGINNIRELVGHKVNLMQMYDS  
 PVCRLDIEPRSSKTQEA

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

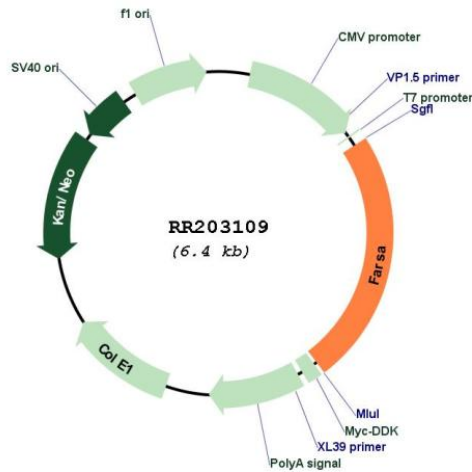
Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**Plasmid Map:**


**ACCN:** NM\_001024237

**ORF Size:** 1524 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\\_001024237.1](#), [NP\\_001019408.1](#)

**RefSeq Size:** 1825 bp

**RefSeq ORF:** 1527 bp

**Locus ID:** 288917

**UniProt ID:** [Q50518](#)

**Cytogenetics:** 19q11

**MW:** 57.7 kDa