

## Product datasheet for **MR209191**

### **Farsb (NM\_011811) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Farsb (NM_011811) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Farsb
Synonyms:	C76708; Farsa; Farsl; Farslb; Frsb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209191 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCGACTGTCAGCGTAAAGCGAGACCTGCTCTTCCAAGCCCTGGGCCGGACCTACACTGATGAAGAGT  
 TTGACGAACTGTGTTTTGAATTTGGTCTGGAACCTTGATGAAATTACTTCTGAGAAGCAAATCATAAGCAA  
 GGAACAAGGTCATGGGAAGGCACAGGGGCCCTCAGATGTTGTGCTTTACAAGATTGACGTCCTGCCAAC  
 AGATACGACTCCTGTGTCTGGAAGGACTGGCTCGGGCCTCCAGGTCTTCAAAGAAAGGATCAAAGCTC  
 CGGTATAAAGCGAGTGATGCCAAGGGAGACATCCAAAAGCTGGTTATCACAGAAGAGACGCCAAAGT  
 GCGCCCTTTGCTGTAGCAGCAGTTCTCCGGAATATCAAGTTCCTAAAGACCGATATGACAGCTTCATT  
 GAACCTCAGGAGAACTACACCAGAATATCTGCAGGAAAAGAGCGTTGGTTGCTATTGGAACCTCAGACT  
 TGGACACTTTATCAGGCCATTTACTTACACCGGAAACGTCCTTCAGATATCAAATTCAGCCCTCTGAA  
 TAAGACCAAGGAGTATACAGCTTGTGAATTAATGAACATATACAAGACTGACAACCACCTTAAACATTAT  
 TTACATATCATTGAAAGTAAGCCCTGTATCCAGTTATCTATGACAGCAATGGTGTGGTCCCTGTCGATGC  
 CTCCGATTATAAATGGGAATCATTCAAAAATAACAGTAAATACTAGGAATATATTTATTGAATGCACAGG  
 GACTGACTTCACTAAGGCAAAAATCGTGCTTGACATTATTGTCACCATGTTCAAGTGAACACTGTGAAAAT  
 CAGTTTACAGTTGAAGCAGTTGAAGTAGTTTCTCCTAATGGAAAATCAAGTACCTTTCCAGAGCTGCCTT  
 ACAGAAAGGAGATGGTGAGAGCTGATTTAATAACAAGAAAGTTGGAATCAGAGAAAATCCTGCAAACTC  
 CGCAAGCTCCTGACCAGGATGTGTCTGAAGTCAGAAGTCATAGGTGACGGCAATCAGATTGAGGTTGAA  
 ATTCTCCGACCAGAGCAGATGTCATCCATGCATGTGACATTGTGGAGGACGCAGCTATTGCTTATGGCT  
 ATAAACAACATTCAGATGACTCTGCCGAAAACGTACACCATAGCTAATCAATTTCCCTCAACAAGCTCAC  
 CGAGCTCCTCAGACTTGACATGGCTGCGGCTGGCTTACCGAAGCACTGACTTTTGCTCTGTGCTCCCAA  
 GAAGATATTGCTGACAAGCTTGGCTGGATATCTCTGCAACAAAGGCAGTGCACATAAGTAAATCCAAAA  
 CCGCTGAGTTCCAGGTGGCGCGCACTACCTTCTTCTGGCCTTCTAAAGACCATTGCAGCAAACCGGAA  
 GATGCCCTTCTCTCAAAGTGTGAAATCTCTGACGTTGTAGTAAAAGATTCTGGCAAAGATGTAGGT  
 GCGAAAACACTACAGGCATCTCTGTGCTGTTTATTACAGCAAGACTCCCGGTTTGAGATCATCCATGGCT  
 TGCTGGACAGAATTATGCAGCTGCTCGATGTGCCTCCTGGTGAGGAAAGCGGGGCTACATGATCAAAGC  
 GTCTGCAGTTCTGCATTTTCCCTGGACGGTGTGCTGAGATCTTTGTTGGGGTCAAAGCATTGGGAAG  
 CTAGGCGTCTTCATCCTGATGTTATACCAAATTTGAGCTGACCATGCCCTGTTCTCTGGAATCA  
 ATATTGAGCCCTTTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209191 protein sequence  
 Red=Cloning site Green=Tags(s)

MPTVSVKRDLLFQALGRITYDDEFDELCEFEGLLEDEITSEKQIISKEQGHGKAQGASDVVLYKIDVPAN  
 RYDLLCLEGLARGLQVFKERIKAPVYKRVMPKGDIQKLVITEETAKVRPFAVAVLRNLIKFKDRYDSFI  
 ELQEKLHQNICRKRALVAIGTHDLDTLSPFTYAKRPSDIKFKPLNKKEYTACELMNIYKTDNHLKHY  
 LHIIESKPLYPVIYDSNGVVLSPPIINGNHSKITVNRNIFIECTGDFTKAKIVLDIIVTMFSEHCEN  
 QFTVEAVEVVSPNGKSSTFPELPIYKEMVRADL INKKVGIRETPANLAKLLTRMCLKSEVIGDGNQIEVE  
 IPPTRADV IHACDIVEDAAIAYGYNNIQMTLPKTYTIANQFPLNKLTELLRLDMAAGFTEALTFALCSQ  
 EDIADKLGDISATKAVHISNPKTAEFQVARTLLPGLLKTIAANRKMPLPLKLFESDVVVKDSGKDVG  
 AKNYRHLCVYYSKTPGFEI IHGLLDRI MQLLDVPPGEESSGGYMIKASAGSAFFPGRCAEIFVGGQSIGK  
 LGVLHPDVITKFEITMPCSSLEINIEPFL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_011811

**ORF Size:** 1770 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\\_011811.1](#), [NM\\_011811.2](#), [NM\\_011811.3](#), [NM\\_011811.4](#), [NP\\_035941.2](#)

**RefSeq Size:** 2274 bp

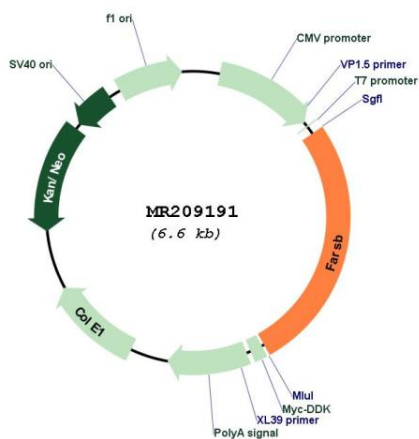
**RefSeq ORF:** 1770 bp

**Locus ID:** 23874

**UniProt ID:** [Q9WUA2](#)

Cytogenetics: 1 C4  
 MW: 65.7 kDa

**Product images:**



Circular map for MR209191