

## Product datasheet for **MG209191**

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

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Farsb (NM_011811) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Farsb
Synonyms:	C76708; Farsa; Farsl; Farslb; Frsb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG209191 representing NM\_011811  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCGACTGTCAGCGTAAAGCGAGACCTGCTCTTCCAAGCCCTGGGCCGACCTACACTGATGAAGAGT  
 TTGACGAACTGTGTTTTGAATTTGGTCTGGAACCTTGATGAAATTACTTCTGAGAAGCAAATCATAAGCAA  
 GGAACAAGGTCATGGGAAGGCACAGGGGCCCTCAGATGTTGTGCTTTACAAGATTGACGTCCTGCCAAC  
 AGATACGACCTCCTGTGTCTGGAAGGACTGGCTCGGGCCTCCAGGTCTTCAAAGAAAGGATCAAAGCTC  
 CGGTATAAAGCGAGTGATGCCAAGGGAGACATCCAAAAGCTGGTTATCACAGAAGAGACAGCCAAAGT  
 GCGCCCTTTGCTGTAGCAGCAGTTCTCCGGAATATCAAGTTCCTAAAGACCGATATGACAGCTTCATT  
 GAACCTCAGGAGAACTACACCAGAATATCTGCAGGAAAAGAGCGTTGGTTGCTATTGGAACCTCAGACT  
 TGGACACTTTATCAGGCCATTTACTTACACCGGAAACGTCCTTCAGATATCAAATTCAGCCCTCTGAA  
 TAAGACCAAGGAGTATACAGCTTGTGAATTAATGAACATATACAAGACTGACAACCACCTTAAACATTAT  
 TTACATATCATTGAAAGTAAGCCCTGTATCCAGTTATCTATGACAGCAATGGTGTGGTCCCTGTCGATGC  
 CTCCGATTATAAATGGGAATCATTCAAAAATAACAGTAAATACTAGGAATATATTTATTGAATGCACAGG  
 GACTGACTTCACTAAGGCAAAAATCGTGCTTGACATTATTGTCACCATGTTCAAGTGAACACTGTGAAAAT  
 CAGTTTACAGTTGAAGCAGTTGAAGTAGTTTCTCCTAATGGAAAATCAAGTACCTTTCCAGAGCTGCCTT  
 ACAGAAAGGAGATGGTGAGAGCTGATTTAATAACAAGAAAGTTGGAATCAGAGAAAACCTGCAAACTC  
 CGCCAAGCTCCTGACCAGGATGTGTCTGAAGTCAGAAGTCATAGGTGACGGCAATCAGATTGAGGTTGAA  
 ATTCTCCGACCAGAGCAGATGTCATCCATGCATGTGACATTGTGGAGGACGCAGCTATTGCTTATGGCT  
 ATAAACAACATTCAGATGACTCTGCCGAAAACGTACACCATAGCTAATCAATTTCCCTCAACAAGCTCAC  
 CGAGCTCCTCAGACTTGACATGGCTGCGGCTGGCTTCACCGAAGCACTGACTTTTGCTCTGTGCCCAA  
 GAAGATATTGCTGACAAGCTTGGCTGGATATCTCTGCAACAAAGGCAGTGCACATAAGTAAATCCAAAA  
 CCGCTGAGTTCCAGGTGGCGCGCACTACCTTCTCTGGCCTTCTAAGACCATTGCAGCAAACCGGAA  
 GATGCCCTTCTCTCAAACCTGTTTGAATCTCTGACGTTGTAGTAAAAGATTCTGGCAAAGATGTAGGT  
 GCGAAAACACTACAGGCATCTCTGTGCTGTTTATTACAGCAAGACTCCCGGTTTGAGATCATCCATGGCT  
 TGCTGGACAGAATTATGCAGCTGCTCGATGTGCCTCCTGGTGAGGAAAGCGGGGCTACATGATCAAAGC  
 GTCTGCAGTTCTGCATTTTCCCTGGACGGTGTGCTGAGATCTTTGTTGGGGTCAAAGCATTGGGAAG  
 CTAGGCGTCTTCATCTGATGTTATACCAAATTTGAGCTGACCATGCCCTGTTCTCTGGAATCA  
 ATATTGAGCCCTTTTTG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG209191 representing NM\_011811  
 Red=Cloning site Green=Tags(s)

MPTVSVKRDLLFQALGRTYTDEEFDELCEFFGLELDEITSEKQIISKEQGHGKAQGASDVVLYKIDVPAN  
 RYDLLCLEGLARGLQVFKERIKAPVYKRVMPKGDIQKLVITEETAKVRPFVAVAVLRNIKFTKDRYDSFI  
 ELQEKLHQNICRKRALVAIGTHDLDTLSPFTYAKRPSDIKFKPLNKTKEYTACELMNIYKTDNHLKHY  
 LHIIESKPLYPVIYDSNGVVLSPPIINGNHSKITVNRNIFIECTGDFTKAKIVLDIIVTMFSEHCEN  
 QFTVEAVEVVSPNGKSSTFPELPIYKEMVRADL INKKVGIREFPANLAKLLTRMCLKSEVIGDGNQIEVE  
 IPPTRADVIHACDIVEDAAIAYGNNIQMTLPKTYTIANQFPLNKLTELLRLDMAAGFTEALTFALCSQ  
 EDIADKLGDISATKAVHISNPKTAEFQVARTLLPGLLKTIAANRKMPLPLKLFESDVVVKDSGKDVG  
 AKNYRHLCAVYYSKTPGFEIIGHLLDRIMQLLDVPPGEESSGYMIKASAGSAFFPGRCAEIFVGGQSIGK  
 LGVLHPDVITKFEITMPCSSLEINIEPFL

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_011811.2</a> , <a href="#">NP_035941.2</a>
<b>RefSeq Size:</b>	2135 bp
<b>RefSeq ORF:</b>	1770 bp
<b>Locus ID:</b>	23874
<b>UniProt ID:</b>	<a href="#">Q9WUA2</a>
<b>Cytogenetics:</b>	1 C4