

Product datasheet for **MR208586**

Farsb (BC002313) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Farsb (BC002313) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Farsb
Synonyms:	Frsb, Farsa, Farsl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208586 representing BC002313
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGAGTTTGACGAACTGTGTTTTGAATTTGGTCTGGAACCTGATGAAATTATACGACCTCCTGTGTC
 TGGAAGGACTGGCTCGGGCCTCCAGGCTTCAAAGAAAGGATCAAAGCTCCGGTATATAAGCGAGTGAT
 GCCCAAGGGAGACATCCAAAAGCTGTTATCACAGAAGAGACAGCCAAAGTGCGCCCTTTTGCTGTAGCA
 GCAGTTCTCCGGAATATCAAGTTCACTAAAGACCGATATGACAGCTTCATTGAACTTCAGGAGAACTAC
 ACCAGAATATCTGCAGGAAAAGAGCGTTGGTTGCTATTGGAACCTCAGACTTGGACACTTTATCAGGCC
 ATTTACTTACACCGCAAACGTCCTTCAGATATCAAATCAAGCCTCTGAATAAGACCAAGGAGTATACA
 GCTTGTGAATTAATGAACATATAAAGACTGACAACACCTTAAACATTATTTACATATCATTGAAAGTA
 AGCCCTGTATCCAGTTATCTATGACAGCAATGGTGTGGTCTGTGATGCCTCCGATTATAAATGGGAA
 TCATTCAAAAATAACAGTAAATACTAGGAATATATTTATTGAATGCACAGGGACTGACTTACTAAGGCA
 AAAATCGTGCTTGACATTATTGTACCATGTTCAGTGAACACTGTGAAAAACAGTTTACAGTTGAAGCAG
 TTGAAGTAGTTTCTCTAATGAAAAATCAAGTACCTTTCCAGAGCTGCCTTACAGAAAGGAGATGGTGAG
 AGCTGATTTAATTAACAAGAAAGTTGGAATCAGAGAACTCCTGCAAATCTCGCCAAAGCTCCTGACCAGG
 ATGTGTCTGAAGTCAGAAGTCATAGGTGACGGCAATCAGATTGAGGTTGAAATTCCTCCGACCAGAGCAG
 ATGTATCCATGCATGTGACATTGTGGAGGACGCAGCTATTGCTTATGGCTATAACAACATTCAGATGAC
 TCTGCCGAAAACGTACACCATAGCTAATCAATTCCTCTCAACAAGCTCACCGAGCTCCTCAGACTTGAC
 ATGGCTCGGGCTGGCTTACCGAAGCACTGACTTTTGTCTGTGCTCCCAAGAAGATATTGCTGACAAGC
 TTGGCCTGGATATCTCTGCAACAAGGCAGTGCACATAAGTAATCCCAAAACCGTGAGTCCAGTTGGC
 GCGCACTACCCTTCTTCCTGGCCTTCTAAAGACCATTGCAGCAAACCGGAAGATGCCCTTCTCTCAAA
 CTGTTTGAATCTCTGACGTTGTAGTAAAAGATTCTGGCAAAGATGTAGGTGCGAAAAACTACAGGCATC
 TCTGTGCTGTTTATTACAGCAAGACTCCCGGGTTGAGATCATCCATGGCTTGTGGACAGAATTATGCA
 GCTGCTCGATGTGCCTCCTGGTGAGGAAAGCGGGGCTACATGATCAAAGCGTCTGCAGGTTCTGCATTT
 TTCCCTGGACGGTGTGCTGAGATCTTTGTTGGGGTCAAAGCATTGGGAAGCTAGGCGTCTTCATCCTG
 ATGTTATACCAAATTTGAGCTGACCATGCCCTGTTCTCTCTGGAAATCAATATTGAGCCCTTTTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208586 representing BC002313
 Red=Cloning site Green=Tags(s)

MKSLTNCVLNLVWNLMLKYDLLCLEGLARGLQVFKERIKAPVYKRVMPKGDIIQKLVITEETAKVRPFAVA
 AVLNRNIKFTKDRYDSFIELQEKLHQNICRKRALVAIGTHDLDTLSPFPYTYAKRPSDIKFKPLNKKEYT
 ACELMNIYKTDNHLKHYLHIIIESKPLYPIYDSNGVLSMPPIINGNHSKITVNRNIFIECTGDTFKA
 KIVLDIIVTMFSEHCENQFTVEAVEVSPNGKSSTFPELTPYRKEMVRADL INKKVGIRETPANLAKLLTR
 MCLKSEVIGDGNQIEVEIPPRADV IHACDIVEDAAIAYGNNIQMTLPKTYTIANQFPLNKL TELLRLD
 MAAAGFTEALTFALCSQEDIADKLGDISATKAVHISNPKTAEFQVARTLLPGLLKTIANRKMPLPLK
 LFEISDVVVKDSGKDVGAKNYRHLCAVYYSKTPGFEIIHGLLDRLIMQLLDVPPGEESSGGYMIKASAGSAF
 FPGRCAEIFVGGQSIGKLGVLHPDVITKFEITMPCSSLEINIEPFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC002313

ORF Size: 1608 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: [BC002313.1](#)

RefSeq Size: 1822 bp

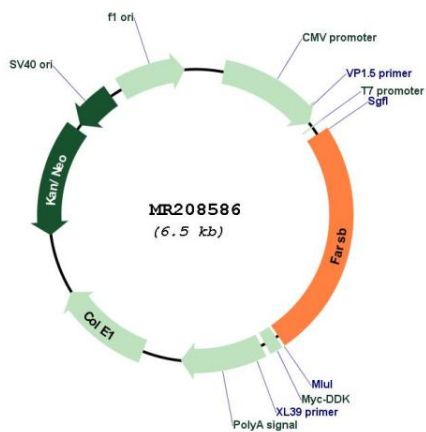
RefSeq ORF: 1610 bp

Locus ID: 23874

Cytogenetics: 1 C4

MW: 66.8 kDa

Product images:



Circular map for MR208586