

Product datasheet for **RR212496**

Farsb (NM_001004252) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Farsb (NM_001004252) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Farsb
Synonyms:	Farslb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR212496 representing NM_001004252
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGACTGTCAGCGTGAAGCGAGACCTGCTCTTCCAAGTCTGGGCCGGACCTACACTGATGAAGAAT
 TTGATGAACTGTGTTTTGAATTTGGTCTGGAACCTGATGAAATTACTTCTGAGAAGCAAATCATAAGCAA
 GGAACAAGGTAATGTGAAAGCACAGGGGCCCTCAGATGTCGTGCTCTACAAGATTGATGTCCTGCCAAC
 AGATACGATCTCCTGTGTCTGGAAGGATTGGCTCGGGGACTCCAAGTCTTCAAAGAAAGGATAAAAGCTC
 CAGTATAAAACGAGTAATGCCTAAGGGAGAAATCCAAAACTGATTATCACAGAAGAGACAGCTAAAGT
 ACGCCCTTTTGTGTAGCAGCAGTTCTCCGGAATATCAAGTTCCTAAAGACCGATATGACAGCTTTATT
 GAACCTCAAGAGAACTACACCAGAATATTTGCAGGAAAAGAGCATTGGTTGCTATTGGCACTCACGACT
 TGGACACTTTATCAGGCCATTTACTTACTGCAAAAACGCCCTTCAGATATCAAATTCAGCCCTCTGAA
 TAAGACCAAGGAGTATACAGCCTGTGAATTAATGAACATATACAAGACTGACAATCACCTTAAACACTAT
 TTACATATCATTGAAAGTAAGCCCTGTATCCAGTTATCTATGACAGCAATGGAGTGGTCTCTCGATGC
 CTCCGATTATAAATGGGAATCATTCAAAAATAACAGTAAATACTAGGAATATATTTATTGAATGCACAGG
 GACTGACTTAACTAAGGCAAAAATCGTGCTTGACATTATTGTCACCATGTTCAAGTGAATACTGTGAAAAT
 CAGTTTACAGTAGAAGCAGCTGAAGTAGTTTCTCCTAGTGAAAAATCGAGTACCCCTCCAGAGCTGCCCT
 ACAGAAAGGAGATGGTGAGAGCTGATCTGATTAATAAGAAAGTTGGAATCAAAGAGACTCCTGCAAACT
 TGCCAACTCCTGACCAGGATGTGTCTGAAGTCAGAAGTCATAGGTGATGGCAATCAGATTGAGGTTGAA
 ATCCCTCCGACCAGACCGATGTCATCCATCGGTGTGACATTGTGGAGGACGACGCTATTGCTTATGGTT
 ATAAACAACATTCAGATGACTCTCCGAAAACATACACCATAGCTAATCAATTTCCCTCAACAAAACACTC
 AGAGCTCCTCAGACTTGACATGGCTGCCGCTGGCTTCCCGAAGCACTGACTTTTGTCTGTGTTCCCAA
 GAAGATATTGCTGATAAGCTTGGCTTGAACATCTCTGCAACAAAGGCAGTCCACATAGGTAACCCAAAA
 CCGCTGAGTTCAGGTGGCGCGCACTACCCCTTCTCTGGCCTTCTGAAGACCATTGCAGCAAACCGGAA
 GATGCCCTTCTCTCAAGCTGTTGAGATCTCTGACATCGTAGTCCAGGATCCTAGCAAAGATGTAGGC
 GCAAAAACTACAGGCATCTCTGTGCTGTTTATTACAACAAGAATCCTGGGTTTGAGATCATCCATGGAC
 TGCTGGACAGAATTATGCAGCTGCTCGATGTGCCTCCCGGTGAGGAAAGTGGGGCTACGTGATCAAAGC
 CTCCGACAGTTCTGCATTCTCCCTGGACGGTGTGCCGAGATCTTTGTGCGGGGTCAAAGTATCGGGAAG
 CTAGGCGTCTTCATCCCGATGTTATTACCAAATTTAGCTGACCATGCCCTGTTCTCTGGAATCA
 ATATTGAGCCCTTCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR212496 representing NM_001004252
 Red=Cloning site Green=Tags(s)

MPTVSVKRDLLFQVLGRITYDDEEDELCEFEGLLEDEITSEKQIISKEQGNVKAQGASDVVLYKIDVPAN
 RYDLLCLEGLARGLQVFKERIKAPVYKRVMPKGEIQKLIITEETAKVRPFVAVAVLRNLIKFKDRYDSFI
 ELQEKLHQNICRKRALVAIGTHDLDTLSPFTYTAKRPSDIKFKPLNKTKEYTACELMNIYKTDNHLKHY
 LHIIESKPLYPVIYDSNGVVLSPPIINGNHSKITVNRNIFIECTGDTLTKAKIVLDIIVTMFSEYCEN
 QFTVEAAE VVSPSGKSSLPEL PYRKEMVRADL INKKGVIKETPANLAKLLTRMCLKSEVIGDGNQIEVE
 IPPTRADVIHACDIVEDAAIAYGYNNIQMTLPKTYTIANQFPLNKLTELLRLDMAAGFTEALTFALCSQ
 EDIADKLG LNISATKAVHIGNPKTAEFQVARTLLPGLLKTIAANRKMPLPLKLFESDIVVQDP SKDVG
 AKNYRHLCVYYNKNPGFEIIHGLLDRI MQLLDVPPGEESSGGYVIKASAGSAFFPGRCAEIFVGGQSIGK
 LGVLHPDVITKFELTMPSSLEINIEPFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001004252

ORF Size: 1767 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_001004252.1](#), [NP_001004252.1](#)

RefSeq Size: 2184 bp

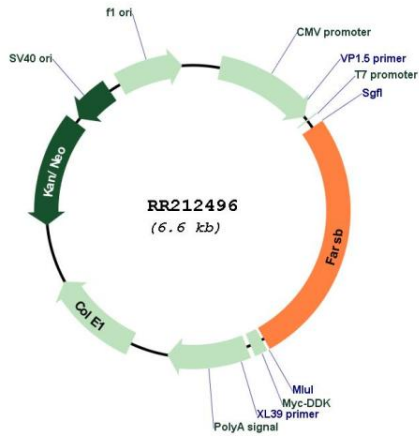
RefSeq ORF: 1770 bp

Locus ID: 301544

Cytogenetics: 9q33

MW: 65.7 kDa

Product images:



Circular map for RR212496