

## Product datasheet for **MG208173**

### Farsa (BC006862) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Farsa (BC006862) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Farsa
Synonyms:	0610012A19Rik; Farsla
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG208173 representing BC006862  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGATAATCCCGTTTTGGAGCTGTTGCTGCGCGGCTGGAGGTAGCTGATGGCGGTCTGGACAGCG  
 CGGAGTTGGCTACGCAGCTGGGTGTGGAGCACCGCGGTGGTGGCGCAGTGAAGAGCCTCAAGCTCT  
 GGGTGAGGTCATTGAGGCTGAGCTTCGTTCTACCAAGTCTGGGAGCTGACTACTGAGGGTGAGGAGATT  
 GCCCGGGAGGGCAGCCATGAGGCCCGTGTGTTTAGAAGCATCCCTCTCGAGGGCCTGGTGCAGAGTGAGC  
 TCATGCACCTGCCAGCGGCAAGGTGGCTTCAGCAAGGCCATGTCCAACAAGTGGATCCGAGTGGACAA  
 GAGTGCCGCCGACGGGCCCGGGTGTCCGAGTGGTGGACAGTATAGAGGATGAAGTGCAGAAGCGGTTG  
 CAGCTGGTCCAGGCAGGCCAGGCTGAGAAGCTGGCTGAAAAGGAACGGAATGAGCTCCGGAAGAGGAAGC  
 TGCTGACGGAAGTGATCCTGAAAACCTACTGGGTGAGCAAGGGCAAGGCCTTCAGCACAAGCGTGTCTAA  
 GCAGGAGGCAGAGCTGAGCCCAGAGATGATCTCCAGTGGCTCTTGAGGGGACCGACCTTTCAAACCTAC  
 AACTTCTCTGCCGTGGTGTGCTCCAGATAGTGGCCACCTGCACCCCTTGTCTAAGGTCCGCTCTCAGT  
 TCCGACAATCTTCTTGAGATGGGGTTCAGTGAAGTGCCTACGGACAATTTTATTGAGAGCTCCTTCTG  
 GAACCTTTGATGCACTCTTTCAGCCTCAGCAGCACCCAGCACGTGACCAACATGATACTTTCTTCTCGCA  
 GACCCAGCTGAGGCCCTGCAGCTTCCAATGGACTATGTCCAGCGCGTGAACCGGACCCACTCCCAGGGTG  
 GCTACGGCTCACAGGGCTACAAGTATACCTGGAAGCTGGAAGAGGGCCCGGAAAAACCTGCTTCGCACACA  
 CACCACAGCAGCCAGCGCCCGCCCTCTACCAGTTAGCCAGAAGAAGCCGTTTACACCAGCCAAGTAC  
 TTCTCTATTGATCGTGTGTTTCGGAATGAGACGCTGGACGCCACGCACCTGGCGGAGTTCACCAGATTG  
 AGGGTGAATAGCAGACCATGGTCTCACCTAGGCCACCTCATGGGTGTGCTGAGGGAGTCTTCCACCAA  
 GCTGGGAATCACGCAGTTGCGCTTCAAACCGCCTACAATCCCTACACAGAGCCAGCATGGAAGTGTTC  
 AGCTACCACCAAGGTCTAAAGAAGTGGGTTGAAGTTGGCAACTCTGGGGTCTTCCGCCCTGAGATGCTCC  
 TGCCATGGGGCTCCCTGAGAATGTGTCTGCACTGCTTGGGGTCTCTCCCTGGAACGCCCAACAATGAT  
 CAAATATGGCATCAATAACATCCGAGAAGTGGTGGGCCACAAGGTGAACCTGCAGATGGTATACGACAGC  
 CCTGTGTGCCGACTGGATATTGAGCCCAGGTCCTCAAAGACACAGGAGGCTGCA

**ACGCGTACGCGGCCGCTCGAG** – GFP Tag – GTTTAA

**Protein Sequence:**

>MG208173 representing BC006862  
 Red=Cloning site Green=Tags(s)

MADNPVLELLRRLEVADGGLDSAELATQLGVEHQAVVGAVKSLQALGEVIEAELRSTKCWELTTEGEEI  
 AREGSHEARVFRSIPLEGLVQSELMHLPSGKVGFSKAMSNKWIRVDKSAADGPRVFRVVDSEDEVQKRL  
 QLVQAGQAEKLAEKERNELRKRKLLTEVILKTYWVSKGKAFSTSVSKQEAELSPEMISSGSWRDRPFKPY  
 NFSARGVLPDSGHLHPLLKVR SQFRQIFLEMFTMPDNTFIESSFWNFDALFQPQHPARDQHDTFFLR  
 DPAEALQLPMDYVQRVVRKTHSQGGYGSQGYKYTWKLEEARKNLLRTHHTAASARALYQLAQKPFPAKY  
 FSIDRVFRNETLDATHLAEFHQIEGVIADHGLTLGHLMGVLEFFTKLGITQLRFKPAYNPYTEPSMEVF  
 SYHQGLKKWVEVNGSGVFRPEMLLPMGLPENSVTAWGLSLERPTMIKYGINNIRELVGHKVNLMQVYDS  
 PVCRLDIEPRSSKTQEA

**TRTRPLE** – GFP Tag – V

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



*EcoRI*
*BamHI* *KpnI*
RBS
Kozac  
Consensus
*SgfI*
*AscI*

CTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGSAGATCTGCCGCCGATCGCCGGCGGCCAGATCT

*HindIII*
*NheI* *RsrII*
*MluI*
*NotI*
*XhoI*
GFP Tag

CAAGCTTAAGCTAGCTAGCGGACCG ACG CGT ACG CGG CCG CTC GAG ATG GAG AGC GAC --- --- ---

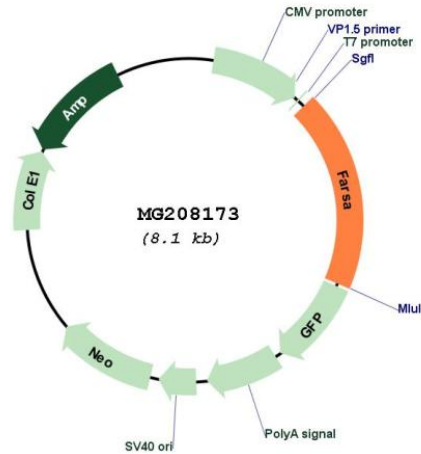
T
R
T
R
P
L
E
M
E
S
D
-
-
-

*PmeI*
*FseI*

--- --- GAA GAA AGA GTT TAA ACGGCCGGCCGGGAGCT

-
-
E
E
R
V
Stop

Plasmid Map:



ACCN: BC006862

ORF Size: 1526 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:** [BC006862](#), [AAH06862](#)

**RefSeq Size:** 1813 bp

**RefSeq ORF:** 1526 bp

**Locus ID:** 66590

**Cytogenetics:** 8 C2-C3