

Product datasheet for **MR208173**

Farsa (NM_025648) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Farsa (NM_025648) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Farsa
Synonyms:	0610012A19Rik; Farsla; pheRS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208173 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGATAATCCCGTTTTGGAGCTGTTGCTGCGCGCGGTGGAGGTAGCTGATGGCGGTCTGGACAGCG
 CGGAGTTGGCTACGCAGCTGGGTGTGGAGCACCGCGGTGGTGGCGCAGTGAAGAGCCTTCAAGCTCT
 GGGTGAGGTCAATTGAGGCTGAGCTTCGTTCTACCAAGTCTGGGAGCTGACTACTGAGGGTGAGGAGATT
 GCCCGGGAGGGCAGCCATGAGGCCCGTGTGTTTAGAAGCATCCCTCTCGAGGGCCTGGTGCAGAGTGAGC
 TCATGCACCTGCCAGCGCAAGGTGGCTTCAGCAAGGCCATGTCCAACAAGTGGATCCGAGTGGACAA
 GAGTGCCGCCGACGGGCCCGGGTGTCCGAGTGGTGGACAGTATAGAGGATGAAGTGCAGAAGCGGTTG
 CAGCTGGTCCAGGCAGGCCAGGCTGAGAAGCTGGCTGAAAAGGAACGGAATGAGCTCCGGAAGAGGAAGC
 TGCTGACGGAAGTGATCCTGAAAACCTACTGGGTGAGCAAGGGCAAGGCCTTCAGCACAAGCGTGTCTAA
 GCAGGAGGCAGAGCTGAGCCCAGAGATGATCTCCAGTGGCTCTTGAGGGGACCGACCTTTCAAACCTAC
 AACTTCTCTGCCCGTGGTGTGCTCCAGATAGTGGCCACCTGCACCCCTTGTCTAAGGTCGGCTCTCAGT
 TCCGACAAATCTTCTGGAGATGGGGTTCAGTGAAGTGCCTACGGACAATTTTATTGAGAGCTCCTTCTG
 GAACCTTTGATGCACTCTTTCAGCCTCAGCAGCACCCAGCACGTGACCAACATGATACTTTCTTCTCGCA
 GACCCAGCTGAGGCCCTGCAGCTTCCAATGGACTATGTCCAGCGCGTGAACCGGACCCACTCCCAGGGTG
 GCTACGGCTCACAGGGCTACAAGTATACCTGGAAGCTGGAAGAGGGCCGGAAAAACCTGCTTCGCACACA
 CACCACAGCAGCCAGCGCCCGCCCTCTACCAGTTAGCCAGAAGAAGCCGTTTACACCAGCCAAGTAC
 TTCTCTATTGATCGTGTGTTTCGGAATGAGACGCTGGACGCCACGCACCTGGCGGAGTTCACCAGATTG
 AGGGTGAATAGCAGACCATGGTCTCACCTAGGCCACCTCATGGGTGTGCTGAGGGAGTTCCTTACC
 AAGCTGGGAATCACGCAGTTGCGCTTCAAACAGCCCTACAATCCCTACACAGAGCCAGCATGGAAGTGTTC
 AGCTACCACCAAGGTCTAAAGAAGTGGGTTGAAGTTGGCAACTCTGGGGTCTCCGCCCTGAGATGCTCC
 TGCTATGGGGTCCCTGAGAATGTGTCTGCTACTGCTTGGGGTCTCTCCCTGGAACGCCCAACAATGAT
 CAAATATGGCATCAATAACATCCGAGAAGTGGTGGCCACAAGGTGAACCTGCAGATGGTATACGACAGC
 CCTGTGTGCCGACTGGATATTGAGCCCAGGTCCTCAAAGACACAGGAGGCTGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208173 protein sequence
 Red=Cloning site Green=Tags(s)

MADNPVLELLRRLEVADGGLDLAEELATQLGVEHQAVVGAVKSLQALGEVIEAELRSTKCEWLTTEGEEI
 AREGSHEARVFRSIPLEGLVQSELMHLPSGKVGFSKAMSNKIRVVDKSAADGPRVFRVDSIEDEVQKRL
 QLVQAGQAEKLAEKERNELRKRLLTEVILKTYWVSKGKAFSTSVSKQAEELSPEMISSGSRDRPFKPY
 NFSARGVLPDSGHLHPLLKVRQFRQIFLEMFTMPTDNFIESSFWNFALFQPQHPARDQHDFTFFLR
 DPAEALQLPMDYVQRVSRTHSQGGYGSQGYKYTWKLEEARKNLLRTHHTAASARALYQLAQKPFPAKY
 FSIDRVFRNETLDATHLAEFHQIEGVIADHGLTLGHLMGVLRFFTKLGITQLRFKPAYNPYTESMEVF
 SYHQGLKKWVEVGNLGVFRPEMLLPMLPENSVTAWGLSLERPTMIKYGINNIRELVGHKVNLMVYDS
 PVCRLDIEPRSSKTQEA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_025648

ORF Size: 1527 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_025648.3](#), [NP_079924.2](#)

RefSeq Size: 1846 bp

RefSeq ORF: 1527 bp

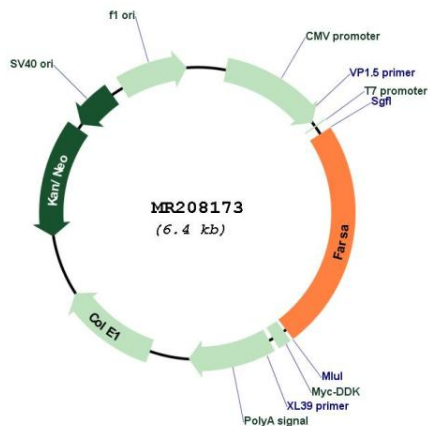
Locus ID: 66590

UniProt ID: [Q8C0C7](#)

Cytogenetics: 8 C2-C3

MW: 57.6 kDa

Product images:



Circular map for MR208173