

Product datasheet for MR206654

Fah (NM_010176) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fah (NM_010176) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fah
Synonyms:	swst
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206654 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTTTATTCCAGTGGCCGAGGACTCCGACTTTCCCATCCAAAACCTGCCCTATGGTGTTCCTCCA
CTCAAAGCAACCCAAAGCCACGGATTGGGTAGCCATCGGTGACCAGATCTTGGACCTGAGTGTCATTAA
ACACCTCTTTACCGACCTGCCCTTTCAAACATCAACATGTCTTCGATGAGACAACTCTCAATAACTTC
ATGGGTCTGGGTCAAGCTGCATGGAAGGAGGCAAGAGCATCCTTACAGAACTTACTGTCTGCCAGCCAAG
CCCGGCTCAGAGATGACAAGGAGCTTCGGCAGCGTGCATTACCTCCCAGGCTTCTGCGACAATGCACCT
TCCTGCTACCATAGGAGACTACACGGACTTCTACTCTTCTCGGCAGCATGCCACCAATGTTGGCATTATG
TTCAGAGGCAAGGAGAATGCGCTGTTGCCAAATTGGCTCCAATTACCTGTGGGATACCATGGCCGAGCTT
CCTCCATTGTGGTATCTGGAACCCCGATTCTGAAGACCCATGGGGCAGATGAGACCTGATAACTCAAAGCC
TCCTGTGTATGGTGCCTGCAGACTCTTAGACATGGAGTTGGAAATGGCTTTCTTCGTAGGCCCTGGGAAC
AGATTCGGAGAGCCAATCCCAATTTCAAAGCCCATGAACACATTTTCGGGATGGTCTCATGAACGACT
GGAGCGCACGAGACATCCAGCAATGGGAGTACGTCCCCTTGGGCCATTCTGGGAAAAGCTTTGGAAC
CACAATCTCCCGTGGGTGGTGCCTATGGATGCCCTCATGCCCTTTGTGGTGCCAAACCCAAAGCAGGAC
CCCAAGCCCTTGCCATATCTCTGCCACAGCCAGCCCTACACATTTGATATCAACCTGTCTGTCTCTTTGA
AAGGAGAAGGAATGAGCCAGGCCGCTACCATCTGCAGGTCTAACTTTAAGCACATGTAAGTGGACCATGCT
GCAGCAACTCACACACCACTCTGTTAATGGATGCAACCTGAGACCTGGGGACCTCTTGGCTTCTGGAACC
ATCAGTGGATCAGACCCTGAAAGCTTTGGCTCCATGCTGGAACCTGCTGGAAGGGAACAAAGGCCATCG
ATGTGGGGCAGGGGCAGACCAGGACCTTCTGCTGGACGGCGATGAAGTCATATAACAGGTCACTGCCA
GGGGGACGGCTACCGTGTGGCTTTGGCCAGTGTGCTGGGAAAGTGTGCTGCCCTTTCACCAGCC

ACGGTACGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR206654 protein sequence
 Red=Cloning site Green=Tags(s)

MSFIPVAEDSDFPIQNLPGVVFSTQSNPKPRIGVAIGDQILDLSVIKHLFTGPALSKHQHVDETTLNMF
 MGLGQAAWKEARASLQNL SASQARLRDDKELRQRAFTSQASATMHLPATIGDYDFYSSRQHATNVGIM
 FRGKENALLPNWLHLPVGYHGRASSIVVSGTPIRRPMGQMRPDNSKPPVYGACRLLDMELEMAFFVGPNG
 RFGEPIPISKAHEHIFGMVLMNDWSARDIQQWEYVPLGPFLLGKSFGTTSIPWVVPMDALMPFVVPNPKQD
 PKPLPYLCHSQPYTFDINLSVSLKGEQMSQAATICRSNFKHMYWTMLQQLTHHSVNGCNLRPGDLLASGT
 ISGSDPESFGSMLELSWKGTKAIDVGGQTRTFLLDGDEVIIITGHCQGDGYRVGFGQCAGKVLPAALSPA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_010176

ORF Size: 1260 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_010176.1](#), [NM_010176.2](#), [NM_010176.3](#), [NM_010176.4](#), [NP_034306.1](#)

RefSeq Size: 1597 bp

RefSeq ORF: 1260 bp

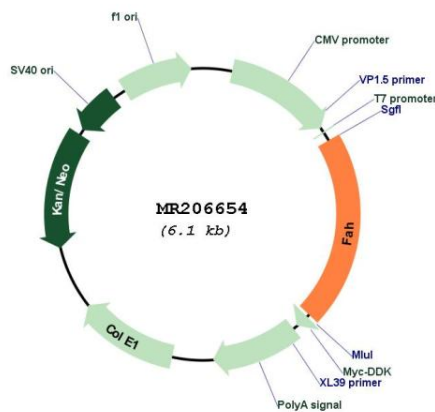
Locus ID: 14085

UniProt ID: [P35505](#)

Cytogenetics: 7 48.36 cM

MW: 46.1 kDa

Product images:



Circular map for MR206654