

## Product datasheet for **MR226253**

### Fech (NM\_007998) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fech (NM_007998) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fech
Synonyms:	A1894116; fch; Fcl
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR226253 representing NM\_007998  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTTTTCGGCCAGCCCAACATGGCTGCGGCCCTGCGGGCTGCGGGCGCTCTGCTCCGCGAGCCGCTGG  
 TGCACGGCAGCTCAAGGGCCTGTCAAGCATGGAGGTGCCAGTCCGGTGTGCGGTGGCAGCCACCACGGA  
 GAAGGTACATCATGCCAAGACCACAAACCCCAAGCTCAACCAGAAAGGAGGAAGCCAAAAACGGGCATA  
 TTGATGTTAAACATGGGAGGCCCGAAACCCCTGGAGAAGTTCAAGACTTTCTTCAGAGGCTCTTCTGG  
 ACCGAGACCTCATGACACTTCCCATTCAAATAAGCTGGCACCATTTCATCGCCAAACGCCGAACCCCAA  
 AATTCAAGAGCAGTATCGCAGAATCGGAGGTGGATCCCCATCAAGATGTGGACTCCAAGCAAGGAGAA  
 GGCATGGTGAAGCTGCTGGATGAGTTATCCCCTGCCACAGCACCTCACAATACTATATTGGATTCCGGT  
 ACGTCCATCCCCTGACAGAAGAGGCAATTGAAGAGATGGAGAGAGATGGACTAGAGAGGGCCATTGCTTT  
 CACACAGTATCCACAGTATAGCTGCTCCACCACAGGCAGCAGCTTAAATGCCATTTACAGATACTATAAC  
 GAGGTGGGCCAGAAGCCACCATGAAGTGGAGCACAATCGACAGGTGGCCACACACCCCTCCTCATCC  
 AGTGCTTTGCAGACCACATTCTGAAAGAGCTGAACATTTTCCAGAGGAGAAGAGAAGCGAGGTGGTTCAT  
 TCTGTTTTCTGCCCACTCCCTGCCGATGTCTGTTGTCAACAGAGGGGACCCCTATCCCAAGAGGTAGGA  
 GCCACTGTCCACAAAGTCATGGAAGAGCTGGGTTACCCCAACCCCTACCGACTGGTTTGGCAGTCCAAGG  
 TTGGTCCAGTACCCTGGTTGGGCCCTCAGACAGATGAGGCTATCAAAGGGCTTTGTGAGCGGGGGAGGAA  
 GAACATCTCTTGGTTCCAATAGCATTTACCAGTGACCACATTGAGACGCTCTACGAACTGGATATTGAA  
 TACTCTCAAGTGTGGCTCAGAAGTGTGGAGCTGAGAACATCAGAAGAGCGGAGTCTCTTAATGGAATC  
 CATTGTTCTCAAGGCCCTGGCTGATCTGGTGCCTCCACATCCAGTCCAACAAGCTGTGCTCCACGCA  
 GTTGAGTCTGAAGTGTCCGCTCTGTGTAATCCTGTCTGCAGGAAGACTAAATCCTTCTTACCAGCCAA  
 CAGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR226253 representing NM\_007998  
 Red=Cloning site Green=Tags(s)

MLSASANMAAALRAAGALLREPLVHGSSRACQPWRCQSGAAVAATTEKVHHAHTTKPQAQPERRKPKTGI  
 LMLNMGGPETLGEVQDFLQRLFLDRDLMTLPINQKLAPFIAKRRTPKIQEQYRRIGGGSPIKMWTSKQGE  
 GMVKLLDELSPATAPHKYYIGFRYVHPLTEEAIEEMERDGLERIAFTQYPOYSCSTTGSSLNAIYRYN  
 EVGQKPTMKWSTIDRWPTHPLLIQCFADHILKELNHFPEEKRESEVVILFSAHSLPMSVNVNRGDPYPQEVG  
 ATVHKVMEKLGYPNRYRLVWQSKVGPVWLGPTDEAIKGLCERGRKNILLVPIAFTSDHIETLYELDIE  
 YSQVLAQKCGAENIRRAESLNGNPLFSKALADLVHSHIQSNKLCSTQLSLNCPCLVNPVCRKTKSFFTSQ  
 QL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/ja1211\\_f01.zip](https://cdn.origene.com/chromatograms/ja1211_f01.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_007998

**ORF Size:** 1266 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\\_007998.7](#)

**RefSeq Size:** 2901 bp

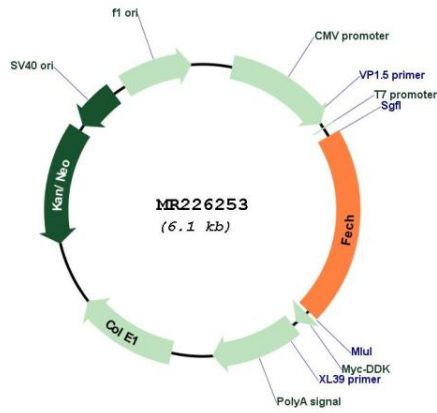
**RefSeq ORF:** 1269 bp

**Locus ID:** 14151

**Cytogenetics:** 18 37.43 cM

**MW:** 47.9 kDa

Product images:



Circular map for MR226253