

Product datasheet for **RN200877**

Cfi (NM_024157) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cfi (NM_024157) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cfi
Synonyms:	FI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200877 representing NM_024157
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAAGCTCGCTCTGCTTATTCTGCTACTCTTGAATCCTCACTTGAGTTCTTCCAAGAACACACCAGCCT
 CAGGTCAGCCTCAGGAGGATCTGGTAGAGCAGAAATGCTTACTGAAAACTACACGCATCACTCCTGTGA
 CAAAGTCTTCTGCCAGCCATGGCAGAAATGTATCGAGGGAACCTGTGCCTGCAAACCTCCCTTACCAGTGC
 CCAAAGGCCGGGACCCCGGTGTGCGCCACTAATGGAAGAGGCTACCCGACATACTGTCACCTGAAGAGTT
 TCGAATGTCTTACCCGGAGATAAAGTTCTCGAATAATGGAACATGCACAGCTGAAGAAAAGTTTAAATGT
 TTCCTTAATTTATGGAAGCACAGATACAGAGGGAATTGTTCAAGTTAAACTCGTGGACCAAGATGAGAAA
 ATGTTTCATATGAAAAATAGCTGGAGCACCGTGGAGCCAACGTGGCCTGCTTCGACCTCGGATTTCCAC
 TGGGTGTTTCGTGACATAAAGGAAGTTTAAATACCTGTAATCACAAAATAAACTCCACCGAATGCCT
 GCATGTGCGTTGCCAGGGAGTAGAGACCAGTTTGGCAGAGTGTACCTTTACCAAGAAGAGTTCAAGGGCT
 CCCCATGGCTTGGCAGGTGTAGTGTGTACACACAGGATGCAGATTTCCCAACAAGTCAGTCTTCCAGT
 GTGTGAATGGGAAGCGCATTCTCAGGAGAAAAGCCTGTGATGGTGTCAACGACTGTGGAGATCAAAGTGA
 TGAGCTGTGTTGCAAAGGTTGCCAGGCCAAGCCTTCTTTGCAAGTCGGGAGTTTGCATCCCAAACCAA
 CGTAAGTGTAAACGGTGAGGTGGACTGCATCACCGCGAGGACGAGAGTGGCTGTGAAGAAGACAAAAAGA
 AAAAAATTCATAAAGGCCTTGCACGGTCAGACCAAGGAGGAGAAAAGTAAATGAGACTGAAGAAAACAGA
 AATGTTGACTCCTGATATGGACACAGAAAAGAAAACGGATAAAGTCCTTATTACCTAAACTATCCTGTGGA
 GTCAAAAAGAAACTCACATTCGCAGGAAAAGAGTGGTCGGAGGGAAGCCAGCCGAGATGGGAGATTACC
 CATGGCAGGTGGCGATTAAGGATGGAGATAGAATAACCTGTGGGGCATTATATCGGTGGCTGTTGGAT
 TCTGACAGCTGCACACTGTGTACAGCCAGTAGATATCGCAACTACCAAGTATGGACGTCTTTATTAGAC
 TGGCTAAAGCCTAACTCTCAGTTGGCAGTTCAGGGAGTGAGCAGAGTTGTCGTTTCATGAAAAGTATAACG
 GAGCCACCTACCAGAATGACATAGCTTTGGTTGAAATGAAAAACACCCGGGCAAGAAAAGATGTGAGCT
 CATCAATTCTGTCCCTGCCTGTGTCCCATGGTCTCCATATCTATTCCAACCGAATGACAGATGCATCATT
 TCTGGATGGGGTCGAGAAAAGATAACCAAAAAGTCTACTCACTCAGGTGGGGCGAAGTCGACCTAATAG
 GCAACTGCTCGAGTTTTACCCGGTCTGCTACTATGAAAAGAGATGCAGTGTGCGGGTACCAGTGTGG
 GTCCATTGATGCCTGCAAAGGAGACTCTGGAGGCCCTTGGTCTGCAAGGATGTCAACAATGTCACCTTAT
 GTTTGGGGCATTGTGAGCTGGGGAGAAAAGTGTGGGAAACAGAGTTCACAGGTGTTACACCAGAGTGG
 CCAGCTATTTTGATTGGATTAGCTACTACGTGGGAAGACCCCTTGTCTCAATACAATGTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_024157
- Insert Size:** 1815 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_024157.1](#), [NP_077071.1](#)

RefSeq Size: 2021 bp

RefSeq ORF: 1815 bp

Locus ID: 79126

UniProt ID: [Q9WUW3](#)

Cytogenetics: 2q43

Gene Summary: mouse homolog is a regulatory serine proteinase of the complement cascade that cleaves C3b and C4b and inactivates them [RGD, Feb 2006]