

## Product datasheet for **MC201240**

### **F11 (NM\_028066) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	F11 (NM_028066) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	F11
Synonyms:	1600027G01Rik; AI503996; Cf11; FX; FXI; PTA
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC019485 sequence for NM\_028066  
 GGACAAGACTATAGGAAAGAAAGCAAACACTCCGCCGAGGACTACAGCAAAGACAGAAAGTATCTGCAGG  
 ATGACCTCATTACATCAGGTGTTATATTTTATCTTTTTGCCTCAGTTTCTAGTGAATGCGTTACTAAGG  
 TCTTCAAAGACATCAGCTTTCAAGGAGGTGACCTGAGTACTGTTTTACACCCGAGCGCCACATACTGCCG  
 CTTGGTCTGCACTCACCACCCACGGTGTCTTACGTTTCATGGCTGAGTCACTTCGGATGATCCT  
 ACCAAATGGTTTGCCTGCATCCTGAAGGACAGCGTCACAGAAATATTGCCAATGGTAAACATGACAGGCG  
 CGATCTGGATATTCTTCAAGCAATGCCCTCAGCAATTAAGTACTTGCAGCAAAGATGTGTACGTGAA  
 CCTAGACATGAAGGGCATGAACTATAACAGCTCTGTCTGGAAGAATGCTCGAGAATGCCAGGAGAGATGC  
 ACAGACGATGCCCACTGCCAGTTTTTACATACGCAACAGGGTATTTTCCAGTGTGGACCATCGTAAAA  
 TGTGTCTTTTGAAGTACACCCGAACGGGGACGCCAACCACAATAACGAAGCTCAATGGCGTGGTATCTGG  
 ATTTTCACTGAAGTCTGTGGACTTTCAAACCTGGCTTGTATCAGGGACATTTTCCCTAACACGGTGTG  
 GCAGACCTAACATTGACAGCGTGGTGGCCCCAGATGCTTTTGTCTGTCTGCGCATCTGCACGCATCACC  
 CCATTGTTTGTCTTACATTCTTTCCCAAGCATGGCCGAAAGAATCTCAGAGACATCTTTGTCTCT  
 TAAACCTCTGAAAGTGGATTACCAAGCACACGCATTACAAGAGCCACGCCCTTTGGGCTTCAGTCTC  
 CAGCACTGCAGGCACAGTGTCCAGTATTCTGCCATCCGTCCTTTTACAACGACACTGATTTCTGGGAG  
 AAGAGCTGGACATCGTGCATGTGAAAGGCCAAGAAACCTGTCAGAAAACGTGTACCAATAACGCCCGCTG  
 CCAATTCTTTACCTACTATCCATCGCACAGACTGTGCAATGAGAGGAACCGCAGGGGCAGATGTTACCTA  
 AAGCTTTCCTCCAATGGATCTCCAACGAGAATACTTTCATGGGAGGGGAGGCATCTCTGGATACTCACTGA  
 GGCTGTGCAAAATGGATAATGTGTGCACAATAAAATCAACCCAGAGTGGTAGGAGGAGCTGCGTCTGT  
 TCACGGTGTGAGTGGCCATGGCAGGTGACTCTGCACATCAGCCAGGGACACCTGTGTGGAGGCTCCATCATT  
 GGAACCAATGGATACTGACAGCAGTCTATTGTTTCTCTGGGATAGAGACACCTAAAAAGCTGCGTGTCT  
 ACGGTGGCATTGTAATCAATCAGAAATAAATGAAGGGACTGCTTCTTTCAGGGTTCAAGAAATGATAAT  
 TCATGATCAGTATACGACAGCAGAAAGTGGGTATGATATTGCCCTGTTAAACTGGAATCAGCCATGAAT  
 TACACAGATTTTTCAGCGGCAATATGCCTGCCTTCCAAAGGAGATAGAAAACGAGTGCACACAGAATGCT  
 GGGTACTGGATGGGGTACACAGCACTAAGAGGTGAAGTACAAAAGTACTCTTCAGAAAGCCAAGTTCC  
 ATTGGTGTCAAATGAAGAATGTCAGACAAGATACAGAAGACACAAAATAACCAATAAGATGATCTGTGCA  
 GGCTACAAAGAAGGAGGGGAAGGATACGTGCAAGGGAGATTCTGGAGGGCCCTGTCTGCAAAATACAATG  
 GGGTCTGGCACTTGGTGGGCATCACAAGCTGGGGTGAAGGCTGTGGTGAAGGAGAGACCGGGGGTCTA  
 CACGAACGTGGCCAAGTACGTGGACTGGATTCTGGAGAAAACCTCAAACAGTCTGAAAGAGTTCAACTGGT  
 ATCACTTTGTGGCCCTGGAAGATTATCCATAGAAATGAGCTTGACGTCTCTGATGAAGACTGGGATA  
 CTGACTTCTCACTGTAACCAATTGAATGGCCTTGATGTACGTAAGAACACCCAGAAAGAAAACCTATTAT  
 TTTCAGAATTCCTGATCTGGGAGAACCCTGGTTGTTTTCTGCATCCAGTACTACTCAAGGAAACAAAT  
 ACAGCAAGGAGATTTTAAAAATAAAAACACATCAGATATATAAGGAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_028066

**Insert Size:** 1875 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:** [BC019485](#), [AAH19485](#)

**RefSeq Size:** 2231 bp

**RefSeq ORF:** 1875 bp

**Locus ID:** 109821

**UniProt ID:** [Q91Y47](#)

**Cytogenetics:** 8 25.14 cM

**Gene Summary:** This gene encodes a glycoprotein coagulation factor that plays an important role in intrinsic pathway of blood coagulation and hemostasis. The encoded protein is an inactive zymogen that can be activated by coagulation factor XIIa, thrombin or factor XIa to generate active factor XIa protease. Mice lacking the encoded protein display a survival advantage during peritoneal sepsis and resist inflammation and bacterial accumulation upon infection with *Listeria*. [provided by RefSeq, Apr 2015]