

## Product datasheet for **RN209358**

### F8 (NM\_183331) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** F8 (NM\_183331) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** F8  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN209358 representing NM\_183331  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCGCGCGGCGCGGGCCTGTGCTTCTCCTCAGCCTCTGCGCGCTCTGCTCCTGCGCCACCCGGAAGT  
ACTACCTGGGCGCGTGGAGTTGCCATGGACTATGTGAGCGGTGGTCTCCGGTGCCAGCGCAGCGA  
CTCCAGGTTCCCTCCCGGACACCAGCGCGTCTGCGCATGTTGTGCACACGAAGACGGTGTGGAG  
TACATGGACCGGTTTTTCCACACGGCAAAGCCAGGCCACTGTGGATGGGTCTCCTAGGCCCCACCATTT  
GGACCGAGGTTACGACACTGTGGTTCACACTCAAAAAACATGGCTTCTCATCCCGTCAGTCTCCACGC  
TGTCGGTATGTCTTCTGGAAGGCGTCCGAGGGCGCGGCATACGACGACCACAGCAGCCCGCGGAGAAG  
GACGACGACAAAGTCTCCCGGCGAGAGCCACACTTACGCGTGGCAGGTCTGGGGGAGAGCGGCCAA  
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CACTTCGTGCTGCTTTTTGCTGTCTTCGATGAAGGGCGGAGCTGGCACGACGCAACACGTGACCCCGCT  
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CCTTCGTCCAGTCCGCTCAGCAGCCAAGAGACACCCCAAGACCTGGGTGCACTACATCGCAGCAGAGGA  
GGGGACTGGGACTACGCGCTCGCGCCGCCACCCTAGAAGACGGGAGCTGCGGAACCGGTACCTGGGG  
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AGACGTTCAAGTACAGGTGGACGCTGACCGCAGAGGATGGGCTGCAAGGTGGATGCCGGTGTGTGAC  
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TGCTGTAAGAATCTGTAGATCAAAGGGGGAACCAAGATGATGTGACGAGAGGAACGTCATCCTGTTCT  
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 TGTGCAGCTGCAGGACCCGAGTTCGAGGCCTCCAACCTCATGCACAGCATTAAATGGCTACGTCTTCGAT  
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 GGAGAGGTTCTGCGTCGAGGAAGGTTCCGCTCCCGAGAAAAGTGAACACACACTCAGCGCCGTGTGAC  
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ACTCGGGGCTGATTGGGCCACTGCTCGTGTGCCACGCCTCCACCCTGCACCCCTCGCACGCGCGGCCGCT  
 CGCAGTGCAGGAGTTCGCGCTGCTCTTCGCGGTGTTTCGATGAGACCAAGAGCTGGTACTGCGCTGAGAAC  
 CTGGACCGGAAGTGCAGGCCGCCCGTGGCACCCCGCGGGAGACCCCGCTGGAGAGAAGGTACCGCT  
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 TACAGCCTGGATGGGAAGCAGTGGTGGTACCGAGGAACTCCACGGGAAGCCTGATGGTTTTCTTCG  
 GCAACGTGGACGCGTCCACTGTGAGGCACAACCGCTTCGACCCCGATCGTTGCCCGCTACATCCGTGT  
 GCACCCACACATGCCAGCATCCGTACCGCCCTGCGCATGGAGTCTCGGCTGCGACCTGAACAGCTGC  
 AGCGCGCCCTGGGCATGGAGAGTGGATGGATCTCGGACACGCAGGTCCTGCCTCGTCCACCTCAGCA  
 CCACGTCTCTGCTTGGCCGCTGCGCTCGCTCGGCTTCACTCCGGGGTGGGGCAACGCTGGCGACC  
 CCAGGTGAATGATCCACACAGTGGCTGCAGGTGGACTTGCAGAGGACTGTGAAAGTACCAGGCGTGTGC  
 ACCCAGGGCGCGGCTCTCCTCACTGCCATGTTTGTGAAAAAGTTCCTCGTCTCCACCAGCCAAGATG  
 GCCGCACTGGACTCACGTCTTGAAGACGGCAAGGTCAAGGTTTTTCAGGTAACCGGGATGCGTCCAC  
 GCCCATGGTGAATCTCTGCACCCCGCGCTTCACTCGATACCTTGGATTACCCCAAGTGTGGGAG  
 CGGCAATTGCTCTGCGGCTCGAGATCCTGGGGTGTGAGGCTCAGCAGCTGGACTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-RsrII

**ACCN:**

NM\_183331

**Insert Size:**

6777 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\_183331.1, NP\_899160.1

**RefSeq Size:**

8326 bp

**RefSeq ORF:**

6777 bp

**Locus ID:**

302470

**Cytogenetics:** 18p13

**Gene Summary:** human homolog is a cofactor for factor IXa; involved in blood coagulation [RGD, Feb 2006]