

Product datasheet for **RN210046**

F2 (NM_022924) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	F2 (NM_022924) Rat Untagged Clone
Tag:	Tag Free
Symbol:	F2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN210046 representing NM_022924
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGCACGTC**CGCGGCTGGGCCTACCTGGCTGCCTGGCTCTGGCTGCCTGGCTAGCCTGGTACACA**
 GTCAGCATGTGTTCTGGCCCTCAGCAAGCACTGTCGCTGCTCCAGCGGGTCCGAGAGCCAACAGCGG
 CTTCTGGAGGAGCTCCGAAAGGCAACCTGGAGCGTGAGTGCCTGGAAGAGCAGTGCAGCTATGAGGAG
 GCTTTT**GAGGCCCTGGAGTCTCCCAAGACACGGATGTGTTCTGGGCCAAGTACACAGTGTGTGATT**CAG
 TGAGGAAACCTCGAGAGACCTTCATGGACTGTCTAGAAGTGCCTGTGCTATGGATCTGGGTCTGAAC**TA**
 CCATGGGAATGTGAGTGTACCCATACCGGCATCGAGTGT**CAGCTGTGGCGAAGCCGCTACCCACACAGG**
 CCTGACATCAACTCCACCACCCATCCTGGGGCTGACCTGAAGGAGAACTCTGCCGAAATCCAGACAGCA
 GCACCTCAGGGCCCTGGTCTACACCACAGACCCTACTGTGCGCAGAGAGGAATGCAGTATCCCTGTCTG
 TGGTCAGGAGGGCCGTACCACTGTGAAATGACTCCTCGCTCAAGAGGTTCCAAGGAGAATCTGTGCCT
 CCATTGGGAGAGTGCCTCCTCGAGCGTGGCCGGCTGTACCAGGGAACTTAGCTGTGACAACACTTGGGT
 CCCCCTGCCTGGCCTGGGACAGTTTGCCAAACCAAGACCCTGAGCAAGTACCAGA**ACTTCGACCCTGAGGT**
 GAAACTCGTGCAAACTTCTGCCCAATCCAGACCGGGATGAGGAGGGCGCGTGGTCTTTGTTGCGCAG
 CAGCCTGGTTTTGAATACTGCAGCCTCAACTACTGTGATGAAGCGGTGGGAGAGGAGAACCATGACGGGG
 ACGAGTCCATCGCAGGACGCACCACCGACGCGGAGTCCACACCTTCTTCGATGAGAGGACTTTCGGCT
 TGGGGAGGCAGACTGTGGCTGCGGCCTTTGTTTCGAGAAGAAGTCTTGACAGACAAAACGGAAAAGGAG
 CTTCTTGATTCTACATAGATGGGCGCATCGTGGAGGGCTGGGACGCTGAGAAGGGTATCGCCCCATGGC
 AGGTGATGCTTTTTCGGAAGAGTCCCAAGAGCTGCTGTGTGGAGCCAGCCTTATCAGTATCGATGGGT
 CCTCACTGCTGCCCACTGCATTCTGTACCACCCCTGGGACAAGA**ACTTCACTGAGAATGACCTCCTGGTG**
 CGCATTGGCAAGCACTCCAGAACCAGATATGAGCGGAATGTTGAAAAGATCTCCATGCTGGAAAAGATCT
 ACATCCACCCAGATATAACTGGCGGGAAAACCTAGACCGTGACATTGCTCTGCTCAAGCTAAAGAAGCC
 AGTGCCCTTCAGTGACTACATTCACCCCGTGTGCTTGCCAGACAAGCAGACAGTAACCAGTTTGCTCCAG
 GCTGGTTATAAAGGGCGGGTGACAGGCTGGGGCAACCTTCGGGAGACGTGGACA**ACTAACATCAACGAGA**
 TACAGCCAGCGTCTGCAGGTGGTGAACCTGCCATTGTAGAGCGACCAGTGTGCAAGGCTCTACCCG
 GATACGCATTACTGACAACATGTTCTGTGCTGGCTTCAAGGTGAATGACACCAAGCGAGGAGATGCTTGT
 GAAGGTGACAGTGGGGACCTTTTGT**CATGAAGAGCCCTACAACCACCGCTGGTACCAATGGGTATTG**
 TCTCCTGGGGTGAAGGCTGTGACCGGAATGGGAAATATGCTTCTACACGCACGT**TCCGCTGAAAAG**
 GTGGATGCAGAAAGTCATTGATCAGCATAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_022924
- Insert Size:** 1854 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_022924.2](#), [NP_075213.2](#)

RefSeq Size: 2005 bp

RefSeq ORF: 1854 bp

Locus ID: 29251

Cytogenetics: 3q24

Gene Summary: catalyzes the preferential cleavage of Arg-Gly; activates fibrinogen to fibrin and releases fibrinopeptides A and B; involved in blood coagulation and wound repair [RGD, Feb 2006]