

## Product datasheet for **RN210803**

### **F13a1 (NM\_021698) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	F13a1 (NM_021698) Rat Untagged Clone
Tag:	Tag Free
Symbol:	F13a1
Synonyms:	F13a
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN210803 representing NM\_021698  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGGATACTCCAGCAACTACCTTTGGGGACGGCGAGCAATCCACCCAACAACTCTAATGCAGCAG  
 AAGTGGACCTCCCGACTGAGGATCTGCAGGGCCTGGTGCCAGGGGTGTCAGCCTGAAAGATTACTTGAA  
 TGTCCACAGCTGTTACCTGTTCAAGGAGAGATGGGACAGCAACAAGATTGATCACCACACAGACAAATAT  
 GACAACAATAAGTTGATTGTCCGAGAGGACAGACTTTCTACATCCAGATTGACTTCAATCGCCCATATG  
 ACCCCAGGAAGGATCTCTTCAGAGTGGAAATGTGATTGGTGCCTACCCTCAGGAGAATAAGGGCACCTA  
 CATCCCAGTGCCGGTAGTGACGGAGCTGCAAGCGGAAAGTGGGGGCCAAGGTTATCATGAATGAGGAC  
 AGGTCTGTGCGGCTTCCGTTCACTTCCCGAATGCATCGTGGGAAATTCCGCATGTATGTTGCCG  
 TCTGGACTCCCTATGGCATCCTGCTACTCAGAGAGACCCGAAACAGACACATACTTCTTCAATCC  
 TTGGTGCAAGAAGACGCTGTGTATCTGGATGATGAGAAAGAAAGAGAAGAGTACGTCCTAAATGACATC  
 GGAGTGATATTTCAATGGGGACTTCAATGACATCAAGAGCAGAAGCTGGAGCTATGGCCAGTTTGAAGATG  
 GCATCCTGGACGCTTGCTTGTATGTGATGGACAAAGCTGAGATGGACCTTCTGGCAGAGGGAACCCCAT  
 CAAAGTCAGCCGAGTTGGATCAGCAATGGTGAATGCCAAGGATGACGAAGGTGTTCTTGTGGATCATGG  
 GACAATGTCTATGCCTACGGCATCCCTCCATCAGCCTGGACAGGAAGTGTGACATTCTACTAGAATACA  
 GAAGCTCAGAAACACCAGTCCGATATGGCCAGTCTGGTTTTTGGCTGGTGTCTTAAACACATTTTAAAG  
 GTGCCCTTGGAAATCCCTGCGAGAGTCATTACCAATTACTTCTCAGCCCACGACAATGATGCCAATTTGCA  
 ATGGACATCTTCTGGAAGAAGATGGGAGTGTGAGCTCCAAACTCACAAGGATTCAGTGTGAACTACC  
 ACTGTGGAATGAAGCATGGATGACGAGGCTGATCTCCCTGTTGGATTGGAGGATGGCAAGCTGTGGA  
 CAGCACACCCCAAGAAAACAGCGATGGCATGTACCGCTGTGGCCCTGCCTCTGTTCAAGCCGTTAAGCAC  
 GGCCATGTCTGCTTCCAATTTGATGCCCATTTGTTTTTGCAGAGGTCAACAGTGATCTTGTTTACATCA  
 CAGCTAAGAAAGATGGCACCCACGTGGTAGAGAACGTGGATGCCACCCACATCGGGAAGCTAATTGTGAC  
 CAAAGAAATTGGAGGAGATGGGATGCAGGATATCACGGATACTTACAAATTTAGGAAGGCCAAGAAGAA  
 GAGAGACTAGCCCTTGAAGTGCCTGATGTATGGAGCCAAGAAGACCCTCAATACTGAAGGCGTGGTCA  
 AATCCAGATCTGATGTGGACATGAACCTTGTATGTGAAAATGCTGTGCTGGGAAAAGACTTCAGAGTGAC  
 TATCACCTTCCAGAACAATAGCTCCAATCTGTACACCATCCTGGCCTATCTTCCGGCAACATCACCTTC  
 TACACTGGGGTATCCAAGAAAGAGTTCAAGACAGAGTCCCTTGAAGTGACGCTGGATCCCTTGCCTTAG  
 AGAAAAAGGAGGTGCTGATCAGAGCAGGCGAGTATATGAGCTACCTTCTGGAACAGGGCCTCCTGCACTT  
 CTTGCTCACTGCACGCATCAACGAGACCAGGGTCGTCCTGGCCAAGCAGAAGTCCATAGTGTGACTATC  
 CCCAAGGTCACCATCAAGGTCGAGGCACTGCCATGGTTGGCTCTGATATGGTTGTGACTGTTGAGTTCA  
 CAAATCCTTTGAAAGAAACGCTAAAAATGTCTGGCTTCACTTGGAAAGTCTGGAGTGATGAGACCCAA  
 GAGGAAGATGTTCCGTGAAATCCGGCCCAACGCCACTGTGCAAGTGGGAAGAAGTCTGTGAGCCTTGGGC  
 TCTGGTATCGGAAGCTGATTGCCAGCATGACCAGTACTCCCTGAGACATGTGTATGGAGAGCTGGACC  
 TGCAGATTCGAAGACGACCTACTGT**A**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_021698

**Insert Size:** 2199 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_021698.2</a></u> , <u><a href="#">NP_067730.2</a></u>
<b>RefSeq Size:</b>	3468 bp
<b>RefSeq ORF:</b>	2199 bp
<b>Locus ID:</b>	60327
<b>UniProt ID:</b>	<u><a href="#">O08619</a></u>
<b>Cytogenetics:</b>	17p12
<b>Gene Summary:</b>	enhances gastric mucosa healing; reduces endothelial permeability [RGD, Feb 2006]