

## Product datasheet for **RN211011**

### **Fus (NM\_001012137) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fus (NM_001012137) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fus
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211011 representing NM\_001012137  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTTCAAACGACTATACCCAACAAGCAACTCAAAGCTATGGGGCCTATCCTACCCAGCCTGGGCAGG  
 GCTATTCCTCAACAGAGCAATCAGCCCTATGGCCAGCAGAGTTACAGTGGTTATGGCCAATCAGCTGACAC  
 TTCAGGATACGGCCAGAGCAGCTATGGTTCTTCTTATGGACAGACCCAAAACACAGGCTATGGAACCTCAG  
 TCAGCACCCAGGGATATGGTTCCACTGGTGGCTATGGCAGCAGCCAAAGTTCCAGTCTTCTTATGGGC  
 AGCAGTCTCTACCCCGTTATGGCCAACAGCCAGCTCCTAGTAGCACCTCAGGAAGTTATGGTGGAAAG  
 TTCTCAGAGCAGCAGCTATGGGCAGCCAGAGTGGAGGCTATGGTCAACAGTCTGGCTATGGTGGACAG  
 CAACAAAGCTACGGACAGCAACAAAGCTCCTATAACCCACCTCAGGGTTATGGACAACAGAACAGTACA  
 ACAGCAGCAGTGGAGTGGTGGAGGGGGTGGTGGAGGCAACTATGGCCAAGATCAGTCTCTATGAGTGG  
 CGGCGCCGGTGGTGGTTATGGCAATCAGGACCAGAGTGGTGGCGCCGGTGGTGGCTACGGGGGAGGC  
 CAGCAGGATCGTGGGGCCGTGGCAGGGGCGGTGGAGGTGTTACAACCGAAGCAGTGGTGGCTATGAAC  
 CCAGAGGCCGTGGAGGTGGCCGAGGAGGAGGCGGCATGGGCGGAAGTGACCGTGGTGGCTTCAATAA  
 ATTTGGTGGTCTCGGGATCAAGGATCTCGTCATGATTCTGAACAGGATAATTGAGACAATAATACCATC  
 TTCGTGCAAGGCCTAGGCGAGAATGTTACAATTGAATCTGTGGCGGATTACTTCAAGCAGATTGGAATTA  
 TTAAGACAACAAGAAAAGTGGACAGCCTATGATTAATTTGTATACAGACAGAGAAAAGTGGCAAGTTGAA  
 GGGTGAGGCAACAGTCTCATTGATGACCCACCTTCTGCTAAAGCTGCAATCGACTGGTTTATGAGAAAA  
 GAATCTCTGGGAATCCTATTAAGTTTCATTTGCTACCCGGCGTGTGACTTCAACCGGGTGGTGGAA  
 ATGGTCTGGAGGCCGAGGGCGAGGAGGACCCATGGGCCGTGGAGGCTATGGAGGAGGTGGCAGCGGTGG  
 TGGTGGCCGGGGAGGATTTCCAGTGGAGGTGGTGGAGGTGGAGGACAGCAACGAGCTGGGGACTGGAAG  
 TGTCTAATCCTACATGTGAGAACATGAACTTCTCTTGGAGAAGTGAATGCAACAGTGTAAAGGCACCTA  
 AGCCAGATGGCCAGGAGGGGACCAGGAGGCTCTCATATGGGGGAAAAGTACGGAGATGATCGGCGTGG  
 CAGAGGAGGATATGATCGGGGCGGTACCCGGGCGGAGGAGGGGACCGAGGGGGTTCAGAGGGGCGCG  
 GGTGGTGGGGACAGAGGTGGTTTGGCCCTGGCAAGATGGACTCCAGGGGTGAGCACAGACAGGATCGCA  
 GGGAGAGGCCATAT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAAGTCACTCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001012137

**Insert Size:** 1557 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\\_001012137.1](#), [NP\\_001012137.1](#)

**RefSeq Size:** 1842 bp

**RefSeq ORF:** 1557 bp

**Locus ID:** 317385

**Cytogenetics:** 1q37