

Product datasheet for **RN210578**

Sufu (NM_001024899) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sufu (NM_001024899) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sufu
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210578 representing NM_001024899
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGAGCTGAGGCCTAGCGTCGCCCGGCCCGGCCCGGCCCGCCCTCTGGCCCTAGTGCCCCC
 CGGCCTTTGCTTCACTCTTTCCCCGGGACTCCACGCCATCTACGGAGAGTGCCGCGCCTTACCTGA
 CCAGCCGAACCCGCTCCAGGTTACCGCTATCGTCAAGTACTGGTTGGGTGGTCCAGACCCCTTGATTAT
 GTAAGCATGTACAGGAATATGGGGAGTCTTCTGCCAACATCCCTGAGCACTGGCACTACATCAGCTTTG
 GCCTGAGTGATCTACGGTGACAACAGAGTCCACGAGTTTACAGGAACAGACGGACCAAGTGGATTGG
 CTTTGAATTGACATTTCTGTCTGAAGAGAGAAAATGGGGAGTCTGCCCCACCAACATGGCCAGCAGAGCTG
 ATGCAGGGCTAGCCGATATGTCTTCCAGTCAAGAAATACCTTCTGTAGTGGGGACCACGTGTCTTGGC
 ACAGCCCTTTGGATAACAGTGAGTCAAGAATTCAGCACATGCTGCTGACGGAGGACCCACAGATGCAGCC
 TGTGCAGACACCCTTTGGGTAGTTACTTTCCTCCAGATTGTTGGTGTCTGCACTGAGGAGTTACTCA
 GCCCAGCAGTGAATGGGCAGGGCATCCTGGAGCTGCTGCGGACAGTGCCATTGCTGGCGGTCCCTGGC
 TGATAACTGACATGCGGAGGGGAGAAAACATATTCGAGATCGATCCACACCTGCAACAGGAGAGAGTTGA
 CAAAGGCATCGAGACAGACGGTTCTAACCTGAGCGGTGTCAAGTGTGCTGGGATGACCTCAGC
 CGGCCTCCGGAGGACGATGAGGATAGCCGGAGCATCTGCCTCGGCACGCAGCCTCGAAGGCTGTCTGGCA
 AAGACACAGAGCAGATCCGGGAGACCCTGAGGCGAGGACTGGAGATTAACAGCAAACCTGTCTTCCACC
 AATCAATTCTCAAAGGCAGAATGGCCTCACCTACGACCGAGCCCCGAGCCGTAAGGACAGCTTGGGCAGT
 GACATCTCCACGGCTGTTATCCCCACGAGCTGATCCGCACACGGCAGCTCGAAAGCGTGCATCTGAAAT
 TTAACCAGGAGTGGGAGCCCTCATCCCCTCTGCCTAAGGGGCAGACTCCTGCATGGCCGGCATTAC
 CTACAAGAGTATCACAGGTGACATGGCCATCACGTTTGTGTCCACCGGAGTGAAGGCGCCTTTGCCACT
 GAGGAACATCCTTACGCAGCTCACGGACCTGGTTACAAATTCTGTTGACAGAAGAGTTTGTAGAGAAA
 TGTGGAGGACTTAGAAGATCTAACTTCTCCAGAGGAATTTAACTTCCCAAAGAGTACAGCTGGCCTGA
 AAAGAAGCTCAAAGTGTCCATCTCCCCGACGTGGTGTTCGACAGTCCGCTGCAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001024899
- Insert Size:** 1458 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_001024899.1](#), [NP_001020070.1](#)
RefSeq Size: 1757 bp
RefSeq ORF: 1458 bp
Locus ID: 361769
Cytogenetics: 1q54