

## Product datasheet for **RN210554**

### **Sf3a3 (NM\_001025698) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sf3a3 (NM_001025698) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sf3a3
Synonyms:	LRRGT00093
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210554 representing NM\_001025698  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGACAATTTTATAGCAGCAACGGCGCTATCATGAGGAGAAAGAACGGCTTATGGATGTTATGGCCA  
AAGAAATGCTCACTAAGAAGTCCACGCTCCGGGACCAGATCAATTCCGATCACCGCACTAGGGCCATGCA  
AGATAGATACATGGAGGTCAGTGGGAACCTGAGGGATTTGTATGATGATAAGGATGGATTACGAAAGGAG  
GAGCTCAATGCTATTTACAGGACCAATGAGTTTGTCTGAATTCTATAACAGACTGAAGCAGATAAAGGAAT  
TTCATCGGAAGCACCCAAATGAGATCTGTGTGCCAATGTCGGTGGAAATTCGAGGAGCTCCTGAAAGCTCG  
AGAGAATCCAAGTGAAGAGGCACAAAACCTGGTGGAGTTACAGATGAAGAGGGATATGGTCGTACCTT  
GATCTCCATGACTGCTACCTCAAGTACATTAACCTGAAGGCATCTGAGAAGCTGGATTACATCACATAACC  
TGTCATCTTCGATCAGTATTTGACATTCGAAAGAAAGAAAGAAATGCAGAGTATAAAGATACCTGGA  
GATGCTGTGGAGTACCTACAGGATTACACAGATAGAGTGAAGCCCTTCAGGATCAGAACGAGCTCTTT  
GGGAAGATTACAGACCGACTTTGAGAAGAAGTGGGATAATGGCACCTTCCCTGGATGGCCGAAAGAGACAA  
GCAGTGCCTGACTCACGCGGGAGCCCATCTTGATCTCTCCGATTCTCCTCCTGGGAGGAGTTGGCATC  
CCTGGGTCTGGACAGATTGAAATCTGCACTGTTGGCTTTAGGCCTGAAGTGTGGTGGGACCTAGAAGAA  
CGAGCTCAGAGACTCTTCAGCACAAAGGAAAGTCTTGGAGTCGCTCGACACCTCTCTGTTTGGCAAAA  
ATCCCAAGTCAAAGGGCACAAAGAGAGACTGAGAGGAACAAAGACATTGCTTTCTGGAAGCCAGAT  
CTATGAATATGTGGAGATTCTTGGGGAACAGCGACAGCTCACTCATGAAAATGTACAGCGCAAGCAAGCC  
AGGACAGGTGAGGAGCGGGAGGAGGAGGAAGAAGAGCAGATCAGCGAGAGCGAAAGTGAAGACGAAGAGA  
ATGAAATCATTTACAACCCAAAAACCTGCCTCTGGGCTGGGACGGCAAACCCATCCCTACTGGCTGTA  
CAAGCTCCACGGCCTGAACATCAACTACAACCTGTGAGATCTGCGGGAACCTACACTTACCGAGGGCCGAAG  
GCCTTCCAGCGGCACTTCGCTGAATGGCGTCATGCTCATGGCATGAGGTGTTGGGCATCCCAAACACTG  
CCCCTTTGCAAATGTGACACAGATTGAAGATGCTGTCTCCTTGTGGGCAAGCTGAAACTGCAGAAGGC  
TTCAGAACGATGGCAGCCTGACACCGAGGAAGAATATGAAGACTCCAGTGGAAATGTTGTGAACAAGAAG  
ACATACGAGGATCTGAAAAGACAAGGACTGCTC**TAG**

**ACGGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001025698

**Insert Size:** 1506 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\\_001025698.1](#), [NP\\_001020869.1](#)

**RefSeq Size:** 1789 bp

**RefSeq ORF:** 1506 bp

**Locus ID:** 313583

**Cytogenetics:** 5q36