

## Product datasheet for **RN203714**

### **Sugp1 (NM\_001011920) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sugp1 (NM_001011920) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sugp1
Synonyms:	Sf4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN203714 representing NM\_001011920  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGTCTCAAGATGGACAACCGGATGTTGCAGGAAAGGCCAATCGGTGGTTCGGGATGGCACAACCCA  
 AGTCTGGAAGATGAATATGAACATCCTCCACCAGGAAGAGCTATTGCTCAGAAGAAGCGGAGATTGA  
 GGCCAGAATGGAACAAAAGGCCAGACAGAGTCATGTGGCAGTCCACAGCCCCCTCATCTGGGGAAGTT  
 GCCGATGCACAAAACCTCTGCATCTCCAACAAGTTTCCAACGACGGCAGCTTCTTGACAGATTTCTGA  
 AGTTACAGAAGGCACAGGCAAGCACAGATTAGCCCCAGGGCCCCCCCCAGCTCGCCAGACCCAGCTC  
 CTTGAAGAGACCCTCTGCTCAGCAAGCGAACGGCCTGGGGCTGGGTAGCCCAATGGGCCCTGTGAAG  
 AACTACTCACATGCCAACAGCTACCTGTCGCACACCGCCCAAGTGTCTCCAGTCCCCTGATGATGATG  
 ACGAGGAGGAGGACTATGAGCAGTGGCTGGAAATCAAAGTTTACCCCCAGAGGGAGCCGAGACTCGGAG  
 AGTGATAGAGAAGCTAGCCGTTTTGTGGCAGAAGGAGGCCCGAGCTAGAGAAAGTAGCTATGGAGGAC  
 TACAAGGATAACCCAGCCTTACGTTTTTACATGATAAGAATAGCAGGGAATTCCTATACTACAGAAAGA  
 AGGTAGCCGAGATCAGGAAAGAAGCCAAAAGCCACAGGCAGCCACCCAGAAAGTTTACCCCCAGAGGA  
 CGAAGAGGCCAAGAACCTTGAGAAAAGTTGGCCAGGTTTCATAGCAGACGGGGTCTGAAGTGGAGACC  
 ATCGCCCTCCAGAACAACCGTGAGAATCAGGCCTTCAAGTTTCTCTATGATCCCAACAGCCAAGGGTACA  
 GGTACTACAAGCAAAAGCTGGAGGAGTTCCGAAAAGCCAAAGGCGGGCTCCACAGGCTCCCTTCTGCTCC  
 TGTTCCCAACCCAGCCTGCGGGCAAAGTCTGCCCCAGAAGCCCTGTGAGGGCTGTGCCCCCATCACT  
 GCCTGCCCTACTCCAGTGGCCCCAGCACCTGCTGTAACCCCACTCCATCCATCCCCGGGAAGCCACCG  
 CCACAGCCACTGTAAGAGGAAGCGGAAGAGCCGTTGGGGCTGAGGAGGACAAAGTGGAGCTGCCACC  
 TGCAGAAGTGGCACAGAAGGACACAGATGCCTCACCTTACCTCTTTCAGTTCAAGATCTCAAGGGCTT  
 GGCTATGAGAAGGGAAACCTGTGGCCTGGTGGGTGTCACAGATTGTCCGATGCACAAAAGAAGCAGC  
 TAAAAGAACAGCAGGAGATGCAGCAGATGTATGACATGATTATGCAGCACAAGCGTGCCATGCAAGACAT  
 GCAGTCTTGTGGGAGAAGGCGCTGCAGCAACACCAGCATGGCTATGACAGTGACGAGGAGGTAGACAGT  
 GAACTGGGCACCTGGGAGCACCAGCTGCGACGCATGGAGATGGACAAGACACGGGAGTGGCAGAGCAGC  
 TGACACAGATGGGTCGGGCAAGCACTTTCATCGGAGACTTCTGCCCCCTGATGAGCTAGAGAAGTTCAT  
 GGAGACCTTCAAGGCCCTGAAGGAGGCGAGAGCCAGACTACTCAGAGTACAAGGAGTTTAAAGCTGACA  
 GTGAAAACATTGGCTACAGATGCTCATGAAGATGGGCTGGAAGGAGGGCGAGGGGCTAGGCACTGAGG  
 GCCAGGGCATCAAGAACCAGTGAACAAGGGTGCACCAACAATTGATGGAGCTGGCTTTGGCATTGACCG  
 GCCAGTGAACCTCTCAAAGGAGGATGATGAGTACGAGGCCTCCGCAAGAGGATGATGCTGGCCTACCG  
 TTCGGGCCAACCTCTGAACAACCCAGACGGCCCTACTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001011920
- Insert Size:** 1935 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\\_001011920.1](#), [NP\\_001011920.1](#)

**RefSeq Size:** 2102 bp

**RefSeq ORF:** 1935 bp

**Locus ID:** 290666

**UniProt ID:** [Q68FU8](#)

**Cytogenetics:** 16p14

**Gene Summary:** Plays a role in pre-mRNA splicing.[UniProtKB/Swiss-Prot Function]