

Product datasheet for **MC220007**

Sugp1 (NM_027481) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sugp1 (NM_027481) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sugp1
Synonyms:	5730496N02Rik; Sf4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220007 representing NM_027481
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTCTCAAGATGGACAACCGGATGTTGCAGGAAAGGCCAATCGGTGGTTTGGGATGGCACAACCCA
 AGTCTGGAAGATGAATATGAACATCCTCCACCAGGAAGAGCTTATTGCTCAGAAGAAGCGGAGATTGA
 GGCCAGAATGGAACAAAAGGCCAGACAGAGTCATGTGCCAGTCCACAGCCCCCTCATCCTGGAGAATT
 GCTGATGCACATAACTCCTGCATCTCCAACAAGTTTGCCAATGATGGCAGCTTCTGCAGCAGTTTCTGA
 AGTTACAGAAGGCACAGACAAGCACAGATTAGCCCCAGGGCCCTCCAGCATGCCAACCCAGCTC
 CTTGAAGAAACCCCTTGTGCTCAGCAAGCGAACAGGCCTGGGACTGAGTAGCCCAACGGGTCTGTGAAG
 AACTACTCACATGCCAACAGCTGCCTGTTGCACACCGCCGAGTGTCTCCAGTCCCCTGATGATGATG
 AGGAGGAGGACTATGAGCAGTGGCTGAAATCAAAGTTTACCCCCAGAGGGAGCCGAGACTCGGAGAGT
 GATAGAGAAGCTGGCCCTTTTGTGGCAGAAGGAGGCCCGAGCTAGAGAAAGTAGCTATGGAGGACTAC
 AAGGATAACCCGGCCTTACATTTTTACATGATAAGAATAGCAGGGAATTCCTGTACTACAGAAGGAAGG
 TAGCCGAGATCAGGAAAGAAGCCAAAAGCCACAGGCAGCCACCCAGAAAGTTTACCCCCAGAGGATGA
 AGAGGCCAAGAACCTTGCAGAAAAGTTGGCCAGGTTTATAGCAGACGGGGTCCAGAAGTGGAGACCATC
 GCCCTCCAGAACAACCGTGAATCAGGCCTTCAAGTTTCTATGATCCCAACAGCCAAGGGTACAGAT
 ACTACAGGCAAAAGCTAGATGAGTTCGGAAAGCCAAGGCGGGTCCACAGGCTCCTTCCCTGCTCCTGC
 TCCCAACCCAGCCTGCGGCGAAAGTCTGCCCAAGCCCTGTACAGGGGCTGTGCCCCCATCACTGCC
 TGCCCCACTCCAGTGGCCCCAGCACCTGCTGTCAACCCCACTCCATCCATCCCTGGGAAGCCACCGCCA
 CAGCCCGTGTGAAGAGGAAGCGGAAGGCGGTGGGGCCCTGAAGAGGACAAAGTGGAGCTTCCACCTGC
 TGAAGTGGCACAGAGGGACATAGATGCCTCACCTTACCTCTTTCAGTTCAGGATCTCAAAGGGCTTGGC
 TATGAGAAGGGGAAACCTGTGGGCTGGTGGGTGTCACAGAGCTGTCTGATGCACAAAAGAAGCAGCTGA
 AGGAGCAGCAGGAGATGCAGCAGATGTATGACATGATTATGCAGCACAAGCGCGCCATGCAAGACATGCA
 GCTTCTGTGGGAGAAGGCGCTGCAGCAACACCAGCATGGCTATGACAGTGTAGGAGGTAGACAGTGAA
 CTGGGCACCTGGGAGCACCAGCTGCGACGCATGGAGATGGACAAGACACGGGAGTGGGCAGAGCAGCTGA
 CACAGATGGGTGGGGCAAGCACTTCATCGGTGACTTTCTGCCCTGATGAGCTGGAGAAGTTCATGGA
 GACCTTCAAGGCCCTGAAGGAGGCAGAGGCCAGACTACTCAGAATATAAGGAGTTAAGCTGACGGTG
 GAAAACATTGGCTACCAGATGCTCATGAAGATGGGCTGAAAAGAGGGCGAGGGGCTGGGCACTGAGGGCC
 AGGGCATCAAGAACCAGTGAACAAGGGTGCCACCACAATAGATGGAGCTGGCTTTGGCATCGACCGGCC
 AGCTGAACTCTCAAGGAGGATGATGAGTACGAGGCCCTCCGCAAGAGGATGATGCTGGCCTACCGATTC
 CGGCCAACCCGCTGAACAACCCAGACGGCCCTACTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027481
- Insert Size:** 1932 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_027481.2](#), [NP_081757.1](#)

RefSeq Size: 2287 bp

RefSeq ORF: 1932 bp

Locus ID: 70616

UniProt ID: [Q8CH02](#)

Cytogenetics: 8 B3.3

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