

## Product datasheet for **MG207770**

### **Sf3a2 (BC052697) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Sf3a2 (BC052697) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Sf3a2
Synonyms:	PRP11, SFA66, 66kDa
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG207770 representing BC052697  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGACTTTCAGCACAGACCTGGAGCAAGACTGGGAGTGGGGCGTAGCCTCCTCTGAGAGCAACC  
 GGGATCGGAGAGAGCGTCTGCGCCAATTGGCCCTGGAAACCATGACATCAACAAGGACCCGTATTTTAT  
 GAAGAACCACTTGGGATCCTATGAGTGCAAACCTGCTGACTCTGCATAACAATGAGGGGAGCTACCTG  
 GCCCATACCCAAGGGAAGAAACATCAGACTAATTGGCCCGGCGAGCTGCCAAGGAGGCCAAGAAGCCC  
 CCGCCAGCCTGCACCGGAGAAGGTCAAGGTGGAGGTGAAGAAGTTTGTGAAGATTGGCCGCCCTGGGTA  
 CAAAGTGACCAAGCAGAGGGACACAGAGATGGCCAGCAGAGCCTGCTGTTCCAGATTGACTACCCTGAG  
 ATCGCAGAGGGTATCATGCCACGCCACCGTTTCATGTCTGTTTATGAGCAGAGGATCGAGCCTCCAGACC  
 GCCGCTGGCAGTACCTGCTCATGGCTGCTGAGCCCTATGAGACCATTGCTTTCAAGGTGCCAAGCCGGGA  
 GATTGACAAGGCTGAGGGCAAGTTTGGACCCACTGGAACAGAGAAACCAAGCAGTTTTTCTTCAGTTC  
 CACTTTAAGATGGAGAAGCCCCAGCACCTCCAGCCTCCAGCAGGACCCCGAGCGTCAAGCGGCCCC  
 CGCCCCACTCATGAATGGACTGCCTCCTCGCCACCCTCCCTGATGCCTTGCCCCACCTCCACCTGG  
 TGGCCTGCCTCTCCCTCCTATGCCCCCACTGGGCCTGCTCCCTCTGGGCCCCCTGGACCTCCCCAGATG  
 CCCCCACAGCTCCTGGGGTGCACCCCCCGCCCCAGTAGTACACCCACCAACATCTGGAGTCCATCCCC  
 CAGCTCCTGGGGTACACCCCCAGCACCAGTGGTCCATCCACCAACATCTGGGGTCCATCCCCAGCCCC  
 TGGAGTGCACCCACCCCTGGAGTGCACCCACCAGCCCCAGGAGTGCACCCACCAGCTCCAGGTGTC  
 CACCCACAGCTCCAGGGGTACACCCCCAACTCCAGGGGTGCACCCACCAGCTCCAGGGGTGCACCCAC  
 CAGCTCCAGGGGTGCACCCACCAGCTCCAGGGGTACACCCCTCCTCCATCAGCTGGAGTTCACTCAGGC  
 TCCAGGGGTACACCCACCTGCTCCTGCAGTACACCCCTCAAGCCCTGGGGTACACCCCGAGCCCTGGG  
 ATCCACCCCTCAGGCACCGGGTTCACCCCTCAGCCGCTCCTGGAGTCCACCCCTGCTGCCCGGGGTCC  
 ACCCTCAGCCTCCAGGGTTCACCCCTCAAATCCTGGGGTGCACCCCTGCTCCTATGCCCCCATGCTGAG  
 GCCCCACTCCCCTCAGATGGCCCTGGGAACATGCCTCCCCTCCCCAGGCAAC

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG207770 representing BC052697  
 Red=Cloning site Green=Tags(s)

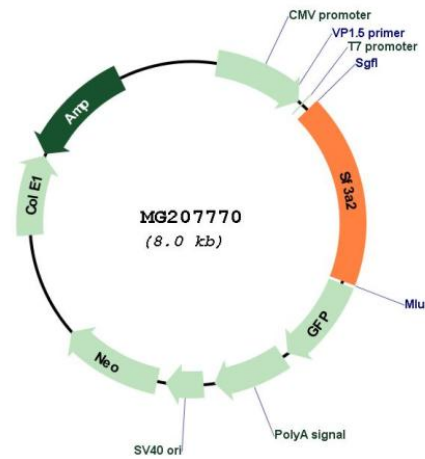
MDFQHRPGGKTGSGGVASSESNRDRRERLRQLALETIDINKDPYFMKNHLGSYECKLCLTLHNNEGSYL  
 AHTQGGKHQTNLARAAKEAKEAPAQPAPEKVKVEVKFVKIGRPGYKVKQRDTEMQQSLLFQIDYPE  
 IAEGIMPRHRFMSVYEQRIEPPDRRWQYLLMAAEPYETIAFKVPSREIDKAEGKFWTHWNRETKQFFLQF  
 HFKMEKPPAPPSLPAGPPGVKRPPLMNGLPDRPPLPDALPPPPGGLPLPMPPTGPAPSGPPGPPQM  
 PPPAPGVHPPAPVVHPPTSGVHPPAPGVHPPAPVVHPPTSGVHPPAPGVHPPPTGVHPPAPGVHPPAPGV  
 HPPAPGVHPPPTGVHPPAPGVHPPAPGVHPPAPGVHPPPSAGVHPQAPGVHPPAPAVHPQAPGVHPPAPGV  
 IHPQAPGVHPPQPPGVHPPAAGVHPPQPPGVHPSNPGVHPAPMPMLRPPLPSDGPNGMPPPPPGN

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** BC052697

**ORF Size:** 1457 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC052697](#), [AAH52697](#)

**RefSeq Size:** 1670 bp

**RefSeq ORF:** 1457 bp

**Locus ID:** 20222

**Cytogenetics:** 10 39.72 cM