

Product datasheet for **MR207770**

Sf3a2 (NM_013651) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sf3a2 (NM_013651) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sf3a2
Synonyms:	66kDa; AW047242; PRP11; Sap62; SFA66
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207770 representing NM_013651
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTTTCAGCACAGACCTGGAGCAAGACTGGGAGTGGGGCGTAGCCTCCTCTGAGAGCAACC
 GGGATCGGAGAGAGCGTCTGCGCCAATTGGCCCTGGAAACCATGACATCAACAAGGACCCGATTTTAT
 GAAGAACCACTTGGGATCCTATGAGTGCAAACCTGCTGACTCTGCATAACAATGAGGGGAGCTACCTG
 GCCCATACCCAAGGGAAGAAACATCAGACTAATTGGCCCGGCGAGCTGCCAAGGAGGCCAAGAAGCCC
 CCGCCAGCCTGCACCGGAGAAGGTCAAGGTGGAGGTGAAGAAGTTTGTGAAGATTGGCCGCCCTGGGTA
 CAAAGTGACCAAGCAGAGGGACACAGAGATGGCCAGCAGAGCCTGCTGTTCCAGATTGACTACCCTGAG
 ATCGCAGAGGGTATCATGCCACGCCACCGTTTCATGTCTGCTTATGAGCAGAGGATCGAGCCTCCAGACC
 GCCGCTGGCAGTACCTGCTCATGGCTGCTGAGCCCTATGAGACCATTGCTTCAAGGTGCCAAGCCGGGA
 GATTGACAAGGCTGAGGGCAAGTTTGGACCCACTGGAACAGAGAAACCAAGCAGTTTTTCTTCAGTTC
 CACTTTAAGATGGAGAAGCCCCAGCACCTCCAGCCTCCAGCAGGACCCAGGCGTCAAGCGGCCCC
 CGCCCCACTCATGAATGGACTGCCTCCTCGCCACCCTCCCTGATGCCTTGCCCCACCTCCACCTGG
 TGGCCTGCCTCTCCCTCCTATGCCCCCACTGGGCCTGCTCCCTCTGGGCCCCCTGGACCTCCCCAGATG
 CCCCCACAGCTCCTGGGGTGCACCCCCCGCCCCAGTAGTACACCCACCAACATCTGGAGTCCATCCCC
 CAGCTCCTGGGGTACACCCCCAGCACCAGTGGTCCATCCACCAACATCTGGGGTCCATCCCCAGCCCC
 TGGAGTGACCCACCCACCCCTGGAGTGCACCCACCAGCCCCAGGAGTGCACCCACCAGCTCCAGGTGTC
 CACCCACCAGCTCCAGGGGTACACCCCCAACTCCAGGGGTGCACCCACCAGCTCCAGGGGTGCACCCAC
 CAGCTCCAGGGGTGCACCCACCAGCTCCAGGGGTACACCCCTCCTCCATCAGCTGGAGTTCATCCTCAGGC
 TCCAGGGGTACACCCACCTGCTCCTGAGTACACCCCTCAAGCCCTGGGGTACACCCCCAGCCCTGGG
 ATCCACCTCAGGCACCGGGTTCACCCCTCAGCCGCTCCTGGAGTCCACCCCTGCTGCCCGGGGTCC
 ACCCTCAGCCTCCAGGGTTCACCCCTCAAATCCTGGGGTGCACCCCTGCTCCTATGCCCCCCATGCTGAG
 GCCCCACTCCCCTCAGATGGCCCTGGGAACATGCCTCCCCTCCCCAGGCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207770 representing NM_013651
 Red=Cloning site Green=Tags(s)

MDFQHRPGGKTSGGVASSSESNRDRRERLRQLALETIDINKDPYFMKNHLGSYECKLCLTLHNNEGSYL
 AHTQGGKHQTNLARRAAKEAKEAPAQPAPEKVKVEVKKFVKIGRPGYKVTQKQDTEMGQSSLLFQIDYPE
 IAEGIMPRHRFMSAYEQRIEPPDRRWQYLLMAAEPYETIAFKVPSREIDKAEGKFWTHWNRETQKFFLQF
 HFKMEKPPAPPSLPAGPPGVKRPPLMNGLPPRPPLPDALPPPPGGLPLPMPPTGPAPSGPPGPPQM
 PPPAPGVHPPAPVHPPTSGVHPPAPGVHPPAPVHPPTSGVHPPAPGVHPPPTPGVHPPAPGVHPPAPGV
 HPPAPGVHPPPTPGVHPPAPGVHPPAPGVHPPAPGVHPPPSAGVHPQAPGVHPPAPAVHPQAPGVHPPAPG
 IHPQAPGVHPPQPPGVHPPAAGVHPQPPGVHPSNPGVHPAPMPPMLRPPLPSDGPGNMPPPPPGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9107_g11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_013651

ORF Size: 1455 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: [NM_013651.4](#), [NP_038679.3](#)
RefSeq Size: 1674 bp

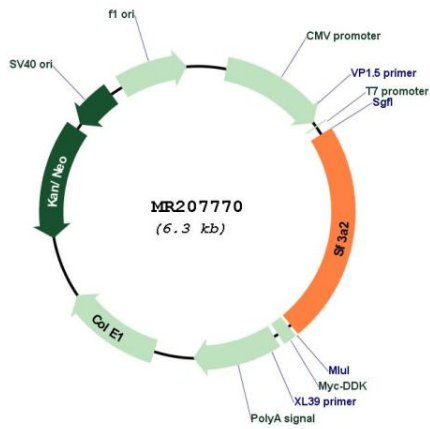
RefSeq ORF: 1458 bp

Locus ID: 20222

Cytogenetics: 10 39.72 cM

MW: 51.3 kDa

Product images:



Circular map for MR207770