

Product datasheet for **RR205866**

Sf3a1 (NM_001107235) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sf3a1 (NM_001107235) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sf3a1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR205866 representing NM_001107235
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGCCGGACCCGTGCAGGCGGTACCCCGCCGCCAGTAGTCACTGAGCCAAACAGCCAAATG
 AAGAAGAAGCATCATCAAAGGAGGATCCACCCCTTCCAAGCCAGTGGTGGGATTATTTACCCTCCTCC
 AGAGGTACAGGAATATCGTCGACAAGACCCAGTTTTGTGGCCAGAAATGGGCTGAGTTTGAAGCTAGG
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR205866 representing NM_001107235
 Red=Cloning site Green=Tags(s)

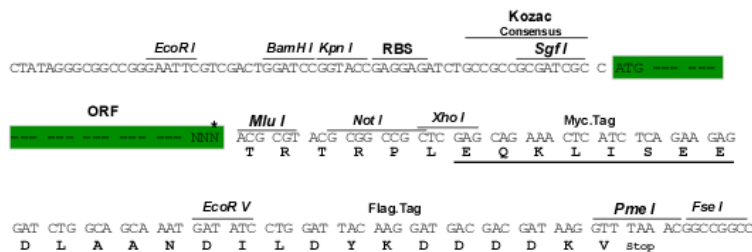
MQAGPVQAVPPPPVTEPKQPNEEEASSKEDSTPSKPVVGGIIYPPPEVRNIVDKTASFVARNGPEFEAR
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 LVEQYTKILIPPKGLFAKLKKEAENPREVLQVCYRVWAKFQERERKKEEEEEKEKERVAYAQIDWHDFV
 VVETVDFQPNEQGNFPPTTPEELGARILIQERYEKFGESEEVEMEVESDEEDQEKEETPSQLDQDTQV
 QDMDEGSDDEEGQKVPPPPETMPPPPLPPTPDQVIVRKDYDPKASKPLPPAPAPDEYLVSPTGKIP
 SKMQEHMRIGLLDPRWLEQRDRSIREKQSDDEVYAPGLDIESSLKQLAERRTDIFGVEETAIGKKIGEEE
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 ATNIPSSAPPITSVPRPPAMPPVVRTTVSAVPMRPPMASVRLPPGSVIAMPPIIHAPRINVVMP
 PAAPPIMAPRPPMIVPTAFVPAPPVAPVAPAPMPPVHPPPPMEDEPPSKLKTEDSLMPPEEFLLRNK
 GPVSIKVQVPMQDKTEWKLNGQLVFTLPLTDQVSVIKVKIHEATGMPAGKQKLQYEGIFIKDSNSLAY
 YNMSGAVIHLALKERGRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

ACCN: NM_001107235

ORF Size: 2373 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_001107235.1](#), [NP_001100705.1](#)

RefSeq Size: 5019 bp

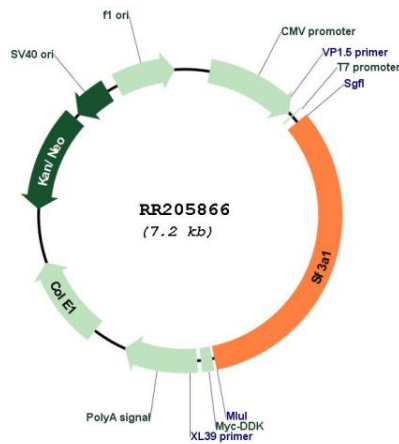
RefSeq ORF: 2376 bp

Locus ID: 305479

Cytogenetics: 14q21

MW: 88.6 kDa

Product images:



Circular map for RR205866