

Product datasheet for **RR207131**

Ftsj3 (NM_001012014) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ftsj3 (NM_001012014) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ftsj3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RR207131 representing NM_001012014
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAAGAAAGCAAAGTAGGCAAGAGCCGGCGGACAAGTTCTATCACTTGGCCAAGGAGACCGGTT
 ATCGTTTCGCGTTCTGCCTTCAAACCTGATCCAGCTCAATCGCCGCTTTCAGTTCCTTCAGAAAGCCCGGGC
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Protein Sequence: >RR207131 representing NM_001012014
 Red=Cloning site Green=Tags(s)

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MGKKGKVGKSRDKFYHLAKETGYRSRSFAFKLIQLNRRFQFLQKARALLDLCAAPGGWLQVAAKFMVSS
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul

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_001012014.1](#), [NP_001012014.1](#)

RefSeq Size: 2893 bp

RefSeq ORF: 2490 bp

Locus ID: 303608

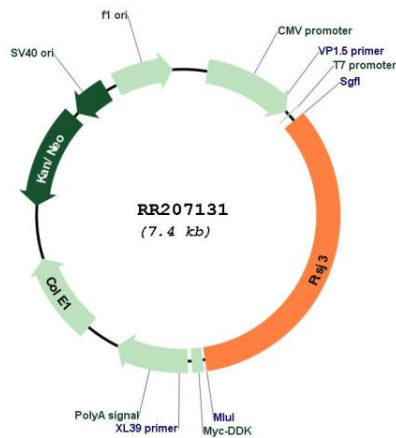
UniProt ID: [Q5RJT2](#)

Cytogenetics: 10q32.1

MW: 94.8 kDa

Gene Summary: RNA 2'-O-methyltransferase involved in the processing of the 34S pre-rRNA to 18S rRNA and in 40S ribosomal subunit formation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RR207131