

Product datasheet for **RN207131**

Ftsj3 (NM_001012014) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN207131 representing NM_001012014
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAAGAAAGCAAAGTAGGCAAGAGCCGGCGGACAAGTTCTATCACTTGCCAAAGGAGACCGGTT
 ATCGTTTCGCGTTCTGCCTTCAAACCTGATCCAGCTCAATCGCCGCTTTCAGTTCCTTCAGAAAGCCCGGGC
 CTTGCTGGACCTGTGTGCTGCACCTGGAGGATGGCTGCAGGTGGCTGCCAAGTTTATGCCTGTATCCAGT
 CTTATTGTAGGAGTGGACCTGGTCCAATCAAGCCTCTCCCAATGTGGTGACTCTCCAGGAAGATATTA
 CAACAGAACGCTGTAGGCAGGCCCTGAGGAAGGAGCTGAAGACCTGGAAAGTTGATGTTGTGCTCAATGA
 TGGGGCTCCCAATGTGGGGCTAGTTGGGTCCATGATGCTTACTCACAAGCTCACTTAACTCTGATGGCT
 CTGCGTTTGGCCTGTGACTTTTTGGCCGTGGTGGTTGTTTCATCACGAAAGTCTCCGCTCCCGAGACT
 ATCAGCCTCTGCTGTGGATCTTCCAGCAGCTGTTCCACCGTGTCCAGGCCACCAAGCCCCAGGCCTCTCG
 TCACGAATCTGCAGAAATCTTTGTAGTCTGCCAAGGATTCCTGGCTCCGACAAGTTGATGCTAAATTC
 TTGATCCCAAGTTTGCCTTAAAGGAAGTTGAAGTTCAGGCTAAAACCTGCTCACTGAGTTGGTGACAAAGA
 AGAAGCCAAAGGCTGAAGGCTATGCTGAAGGTGACCTCACTCTGTATCACCGAACCTCAGTCACTGACTT
 CTTGCGAGCTGCCAATCCTGTTGACTTCTCTCCAAGGCCAGCGAAATCTCAATAGACGACAAAGAGTTG
 GCACAGCACCCAGCTACCACTGAAGATATCAGAGCATGCTGTCCAGGACATCAAAGTGTGGGGCGCAAGG
 AACTTAGTCTCTACTGAATTGGAGAACAAGCTTCGGCGATATGTGGCCAAGAAGCTGAAAAGAGCAAGC
 CAAGGCACTGGACATCAGCCTCAGCTCGAAGAAGAAGGTGATGAAGAAGAGTCAAGCAGCTGAGACAAAG
 CAGGCTTCAGAGGAGGAAGAGGAGAGAGAGGAGGAGGAAGAGCAGCTTAACCGGACTTGGCAGAGATGAAAG
 CCCAAGAAGTGGCAGAACTGAAGAGGAAGAAGAAATGCTTCGTGAGCAGAGGAAGCAGCGGGCGG
 GTAGAGCTGAAGATGGATCTGCCTGGGTCTCCATTGCAGATGAGGGGGAGACAGGCATGTTCTCCCTG
 CGAACCATCCGTGGTCAAGGATGACATCTATGTGTCAGATGCTGAGGACGATGATGATACTTCTCTGGAAA
 TGACCTAGATCCAGAAGAGTTGGCAGGAGTCAAGCAGACTCAGATCAGAAGGAGCAGAAGAGCTTGACG
 TTTGCTCAAGTAGATGACAGCAAAGAGGAAGAAGGAGAGAATCCATTGCTTGTACCACTAGAAGAAAAGG
 CAGTGCTCAGGAAGAGCAAGCTAGCCTGTGGTCTCCAAGGACGGCTTCAAGTGGATAGACGATGATGC
 TGACGAAGCCCTGGAGATCAGTCAAGCACAGCTGCTGTACAAGAGCCGTGAGAAGGAGCAGCAGCCAACA
 GATCCACCTCCACCACCTACTAAGTGAAGACTGAGAAGAAATCTTCCAGTGCCAGAATGAGGTCCCTA
 AGGAGACAGAGGCTATCACTGACACTGGAGGGGAGGACAGAGACAGCTCGGACAGTGACAGCAGCAGTAG
 TGAGGATGAAGACGATTGGAAAGTATCCCGTGGTAAGAAACGAAGCCGTGGTTCTAAAGCAGACGAGGAT
 GGGTTTGAAGTAGTGCCTATTGAGGACCCAGTGAATATCGAATTCTGGACCCTGAAGGCCTTGCTCTAG
 GTGCTGTTATTGCCTCTTCCAAAAGGCCAAGAGAGACCTTATAGATAACTCATTCAACCGGATGCTTT
 TAATGAAGAGGAGGAAGAAGTCCAGAGTGGTTTGTGTCAGGAAGAAAAGCAGCATCGGATACGCCAGTTA
 CCTCTTGATAAGAAGGAGGTGGAACATTACCGAAAACGCTGGCGTGAAATCAACGCACGGCCCATCAAGA
 AAGTAGCTGAGGCCAAGGCCAGAAAAGAACGGAGGATGCTGAAGAAGCTGGAGCAGACCAAAAAGAAGGC
 GGAAGCCGTAGTGAACACAGTGGATATCTCAGAACGGGAAAAGGTGGCACAAGTCCGAAGTCTCTACAAG
 AAGGCTGGACTTGGCAAGGAGAAAACGCCAGGTACCTATGTTGTAGCCAAGAAAAGGTGTAGGCCGTAAAG
 TCCGGCGCCAGCTGGAGTCAAGGCCATTTCAAGGTAGTGGACTCCAGGATGAAGAAGGACCAACGAGC
 ACAGCGAAAGGAACAGAAGAGAAAACACAGCGCAAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012014
Insert Size: 2490 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:	<ol style="list-style-type: none">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
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]