

Product datasheet for **SC334350**

FTSJ1 (NM_001282157) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FTSJ1 (NM_001282157) Human Untagged Clone
Tag:	Tag Free
Symbol:	FTSJ1
Synonyms:	CDLIV; JM23; MRX9; MRX44; SPB1; TRMT7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001282157, the custom clone sequence may differ by one or more nucleotides

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ATGGCTCTGAACATTGCTACACATGTCCTGAAGCCAGGGGCTGCTTTGTGGCCAAGATATCCGAGGCC  
GGGATGTGACGCTCCTCTACAGCCAGCTGCAGGTCTTCTTCTCCAGCGTGTGTGCCAAGCCCAGGAG  
CAGCCGGAACCTAGCATCGAGGCCTTCGCTGTCTGTCAGGGCTATGACCCTCCCAGGGCTTCATCCC  
GACCTGAGCAAACCCCTGCTGGACCATTCTACGACCCAGATTTCAACCAGCTGGATGGTCCCACCCGCA  
TCATTGTGCCTTTGTGACCTGTGGGACCTGAGCTCCTATGATTCGGACCGCAGTTACCCACTGGACCT  
AGAGGGCGGCTCAGAGTACAAGTACACTCCACCCACACAGCCCCCATCTCGCCACCATAACAGGAGGCC  
TGCACGTTGAAGAGGAAGGGCAGCTGGCCAAGGAGATCCGCCCCAGGACTGCCCATCAGCAGAGTGG  
ACACGTTTCCCCAGCCCCTGGCCGCCCTCAGTGCCACACCCTGCTGGCCCTGAGATGGAAGACAATGA  
AATGAGTTGTTCACCTAA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001282157
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).



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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_001282157.1](#), [NP_001269086.1](#)

RefSeq Size: 1669 bp

RefSeq ORF: 579 bp

Locus ID: 24140

UniProt ID: [Q9UET6](#)

Cytogenetics: Xp11.23

Gene Summary: This gene encodes a member of the methyltransferase superfamily. The encoded protein localizes to the nucleolus, binds to S-adenosylmethionine, and may be involved in the processing and modification of ribosomal RNA. Mutations in this gene are associated with cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

Transcript Variant: This variant (4) differs in its 5' UTR and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (c) is shorter, compared to isoform a.