

Product datasheet for **SC319570**

FTSJ3 (NM_017647) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FTSJ3 (NM_017647) Human Untagged Clone
Tag:	Tag Free
Symbol:	FTSJ3
Synonyms:	EPCS3; SPB1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_017647.2
CTAGATTGAGGGATACTCCCCTTTCCACCATGGGCAAGAAGGGCAAAGTTGGCAAGAGC
CGACGAGACAAGTTTTATCACTTGGCGAAGGAGACGGGTACCCTTCCCCTGATCTGCTTTC
AAGCTGATCCAGCTCAATCGCCGCTTTCAGTTCCTGCAGAAAGCCCGAGCCTTGCTGGAC
CTGTGTGCTGCGCCAGGGGATGGCTGCAGGTAGCTGCCAAGTTTATGCCTGTATCCAGC
CTTATTGTGGGAGTGGACCTGGTCCAATCAAGCCTCTCCCAATGTGGTGACTCTCCAG
GAGGACATCACAAACAGAACGTTGTAGGCAGGCCCTGAGGAAGGAGCTGAAGACCTGGAAG
GTTGATGTTGTGCTCAATGATGGGGCCCCAACGTTGGGGCTAGCTGGGTCCATGATGCT
TACTCACAAAGCCATTTGACACTGATGGCTCTACGTTTGGCTTGTGACTTTTTGGCCGT
GGTGGCAGCTTTCACAAAAGGTTTTCCGTTCTCGTGACTATCAGCCTCTGCTATGGATC
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CGTACCTCAGTCACTGACTTCTCCGAGCTGCCAACCCCTGTTGACTTCTCTCCAAGGCC
AGCGAAATCATGTTAGATGATGAAGAGTTGGCACAGCATCCAGCTACCCTGAGGACATA
CGGGTGTGCTGTGAGGACATCAGAGTGTGGGGCGCAAGGAGCTCAGGTGCTACTAAAC
TGGAGAACAAAATTCGGCGATATGTGGCCAAGAAGCTGAAAGAACAAGCAAAGGCACTG
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TCCATTGCAGACGAGGGGAGACTGGCATGTTCTCCTTGTGCCATCCGGGGTCAACCAG
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AGTGACCTGGATCCAGAGGAGCTGGCAGGAGTCAAGGGACATCAGGGTCTAAGGGACCAA
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TCAAAGGGCAGCTTTGCTGGGATCGAGGACGATGCCGATGAGGCCCTGGAGATCAGTCAG
GCCCAGCTGTTATTTGAGAACCCGGGAGGGACGGCAGCAGCAGCAGAAGCAGCAGCTG
CCACAGACACCCCTTCTGTTTGAAGACTGAGATAATGTCTCCCCTGTACCAAGATGAA
GCCCTAAGGGAACAGAGGCTTCTTCGGGACAGAAGCTGCCACTGGCCTTGAAGGGGAA
GAAAAGGATGGCATCTCAGACAGTGATAGCAGTACTAGCAGTGAGGAAGAAGAGAGCTGG
GAACCCCTCCGTGGTAAGAAGCGAAGCCGTGGGCCTAAGTCAGATGATGACGGGTTTGAG
ATAGTGCTATTGAGGACCCAGCGAAACATCGGATACTGGACCCCGAAGGCCCTTGCTCTA
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CGGTACACATTTAATGAGGATGAGGGGGAGCTTCCGGAGTGGTTTGTGCAAGAGGAAAAG
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TGGCGGGAAATCAATGCACGTCATCAAGAAGGTGGCTGAGGCTAAGGCTAGAAAAGAAA
AGGAGGATGCTGAAGAGGCTGGAGCAGACCAGGAAGAAGGCAGAGAAGCCGTGGTGAACACA
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GTGCGCCGGCCAGCTGGAGTCAGAGGTCATTTCAAGGTGGTGGACTCAAGGATGAAGAAG
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GCCCTTGTATTACCGGCTAGCCCTGCTCACATCACAGCTGTCTGAAGAACAGTGAGG
TGGAGTGCCTAGAACTCCCGTGGTGGTCTGAGCAGAGAGGAGGATGTCCTCCTGCCTGC
CTGAAGGTCTCCATGAAAACACTGCTGAACTGTGTTGACTCATGACCCTTTTTTTAA
ACCGTTAAAGGGAAGTTCGGTGTGGAGCGATACTCAATGTAGTCAGTCTACACCTGGAC
GTGTGGGCCACTTAAGCCCTCCCCACCCCATCTATTCTAAATAAAACCAGGATAATG
GAAAAATAAAAAAAAAAAAAAAAAA
    
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Restriction Sites:	Please inquire
ACCN:	NM_017647
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_017647.2</u> , <u>NP_060117.2</u>
RefSeq Size:	2999 bp
RefSeq ORF:	2544 bp
Locus ID:	117246
UniProt ID:	<u>Q8IY81</u>
Cytogenetics:	17q23.3
Domains:	Ftsj
Gene Summary:	Although the function of this gene is not known, the existence of this gene is supported by mRNA and EST data. A possible function of the encoded protein can be inferred from amino acid sequence similarity to the E.coli Ftsj protein and to a mouse protein possibly involved in embryogenesis. [provided by RefSeq, Jul 2008]