

Product datasheet for SC127458

PCF11 (NM_015885) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PCF11 (NM_015885) Human Untagged Clone
Tag:	Tag Free
Symbol:	PCF11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127458 sequence for NM_015885 edited (data generated by NextGen Sequencing)

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ATGTCAGAGCAGACGCCGCGGAGCGCGGTGCTGCGGGGGCCCGGAGGACGCCTGTCCG
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GACAGAAATGCTAAGAGAAGTACTAAACAGGATATTCGGGATCCAAGGCGAATGAAAAAG
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Clone variation with respect to NM_015885.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015885 unedited
 GTGGAGAAAGAAGCTTCTGTGGCGGCTGGAAGTGGACGGAGATCACCCGCGAGACGGCGG
 CGTTTCATACCCGAGGTTCCCCCTGTGTCGTCCCCATCCCCCTCCGCGGTGAGCATGT
 GGTGAAGCCGGAGCCGCGAGAGAGCCGGGAGAGGAAGAGGAGTCGGAAGGGAGGCGGGG
 TATCCAGAGCGGCTTCAGCTTCAGCTGCAGCGGACCTCGGAGGGGGCCGCGGCAATG
 TCAGAGCAGACGCCGGCCGAGGCGGCTGCTGCGGGGGCCCGGAGGACGCCTGTCCGGAT
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 TGTGTGTTTGAAGGTGGATGAAAATACTACGAAAAGTTTATTTAAGTTACGTTCTACA
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 GATCCTGCTTGGCCCTATTAACCTTTACCCCCATGTGAATACGTTAGCATTATCATGTG
 AATCCTTAATTTTTAAATAAATCGCGGAGGAAGCCTTACACCTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015885 unedited
 TTTCTTTTTTACATGTTGAATTTAACTCTCAGGTGCCATCTAAGTCAAAACCAACAAAA
 GAAAAAGTTAACCATATCTCAAGCAAACATTCTTACAGATCCCGTTACTTAAAAATAGA
 AATATGTTTCATCTGCATTAATCATTGACAATTTGAAAAAGTCTTTAAAAAATAATCA
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 AATGCAAATACTAAAATGATTTTATTAACCANATGATAGCTGAAGGCCCTGCCTCAGCCA
 GACAATNTATATAGATATGTCTATATATACATAANAAAATTTTACCTTCTAGNATCCA
 CAGCAGCTTTTTTAANAAAGAAAACATACTTTCTCATTNTATTTAACTGACTCGACTGGG
 TCATTTCTGTTNTATTNCAGAGGNTGTGCTATGCTTTCTCTGACAGCTGGNGNGGATC
 AATCCGCTTCTTACTTTGGAT

Restriction Sites:

NotI-NotI

ACCN:

NM_015885

Insert Size:

6000 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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_015885.2](#), [NP_056969.2](#)

RefSeq Size: 5834 bp

RefSeq ORF: 4668 bp

Locus ID: 51585

UniProt ID: [O94913](#)

Cytogenetics: 11q14.1

Domains: RPR

Gene Summary: The protein encoded by this gene binds to CLP1 to form pre-mRNA cleavage factor IIm. The encoded protein is necessary for efficient Pol II transcription termination and may be involved in degradation of the 3' product of polyA site cleavage. [provided by RefSeq, Oct 2016]

Transcript Variant: This variant (3) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.