

Product datasheet for **SC318163**

MEPCE (NM_019606) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MEPCE (NM_019606) Human Untagged Clone
Tag:	Tag Free
Symbol:	MEPCE
Synonyms:	BCDIN3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >SC318163 representing NM_019606.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

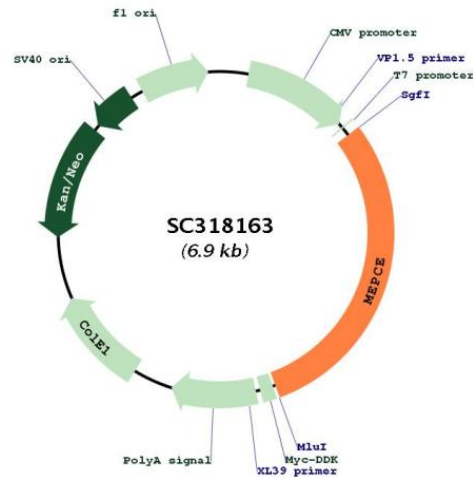
```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGATCGAGATGGCGGCGGAGAAGGAGCCGTTTCTGGTGCCGGCCCCGCCGCCGCTCAAAGATGAG
TCGGGCGGAGGGGGCGGCCACCGTGCCACCGCACCAAGAGGCCGCTCTGGGGAGCTCCGCGCGGG
ACGGAGCGTGGTCCGGGTCGTTGCGCGCCATCTGCGGGGTCCCCAGCCGCTGCGGTGCGTGGGAAGC
CCCGGGGCGCGGCCACCTCCTCCAGTGGTCCCCAGGCGCAGCAGCACCGAGGGGGCGGCCCCAGGCG
CAGTCGCATGGGGAGGCCGCTGTGCGATCCCCGGGGCGAGCCGCTCCCCGGACGTGGGGGAGGAG
CGCCGGGAGGGGGCGGGACAGAGCTGGGTCCCCCTGCTCCTCCTCGACCCCGCAATGGCTATCAGCCC
CACCGGCCACCTGGGGGGGGCGGGGCAAGAGGAGAAATAGCTGTAATGTAGGGGAGGCCGGGGAGGC
TTCAAACATCCGGCCTCAAGAGGCGCAGGCGGGTGAATTCGGACTGTGACTCTGTGTTACCCTCAAC
TTCTCCTGGGGGCAATATCTTTGATCCCTGAACCTGAATAGCTCCTGGATGAGGAAGTGAGCCGC
ACTCTCAACGCGGAGACCCTAAGTCATCCCCCTTCGGCCAAAGGGCGAGATCCGGTGGAGATCCTC
ATCCCCAAAGATATTACTGACCCGCTCAGTCTCAATACTTGCACTGATGAGGGCCATGTAGTTCTTGCT
TCGCCACTCAAGACTGGTCGGAAGCGGCATAGACACCGGGGACAGCACCACCAGCAGCAGGAGGCC
GGAGGGAGTGAGAGTCACCCCGTGCCGCCACAGCCCCTCTACCCCTTACTCCACGGGGAGGGCGCC
TCACAGCAGCCGCGGCACAGGGGCAAGACCGGGATGCCCCCAACCCTATGAACTCAACACAGCCATC
AACTGCAGGGATGAAGTGGTGTCTCCCTTCCATCTGCTCTGCAGGGTCCCTCAGGCTCCCTATCAGCC
CCTCCAGCTGCCTCAGTTATCTCTGCACCCCATCTTCTCCTCCCGACATCGCAAACGTCGCAGGACT
TCCAGCAAGTCGGAGGCAGGGGCTAGGGGTGGAGGCCAGGGTTCCAAGGAAAAGGGCCGAGGGAGTTGG
GGAGCCCGCCACCACCACCACCACCTGCCTGCAGCAGGCTTCAAAAAGCAACAGCGCAAGTTCCAG
TATGGGAATTATTGCAAATACTATGGGTACCGCAATCCTTCTGTGAGGATGGGCGCCTTCGGGTGTTG
AAGCCTGAGTGGTTTCGGGGCCGGGACGTCTAGATCTGGGTGCAATGTGGGCCATCTGACCCTGAGC
ATTGCCTGCAAGTGGGGCCCGTCCCGCATGGTGGGCTGGATATCGATTCCCGGCTCATCCATTCTGCC
CGCAAAACATCCGACACTACCTTTCGAGGAGCTGCGTCTCCACCCAGACTTTGGAAGGGGACCCG
GGGGCAGAGGGTGAGGAAGGGACCACCACCGTTCGAAAGAGGAGCTGCTTCCAGCCTCGCTGACTGCC
AGCCGGGTCCCATCGCTGCCCCCAAGTGCCCTTGGATGGAGCGGACACATCAGTCTTCCCAACAAT
GTTGTCTTCGTACGGTAATTATGTGCTGGATCGAGATGACCTGGTGGAGGCCAAACACCTGAGTAT
GATGTGGTCTCTGCCTCAGCCTACCAAGTGGGTGCATCTGAACTGGGAGACGAGGGCCTGAAGCGC
ATGTTTCGCCGATCTACCGGCACCTACGCCCTGGGGGCATCCTGGTCTAGAGCCCAACCCTGGTCCG
TCGTATGGCAAGAGAAAGACTCTTACAGAAACGATCTACAAGAACTACTACCGAATCCAATTGAAGCCA
GAGCAGTTCAGTTCCTACCTGACATCCCGAGAGCTGGGCTTCTCCAGCTATGAGCTTGTGGCCACACCC
CACAACACCTCTAAGGCTTCCAGCGTCTGTGTACCTGTTCCACAAGGCCCGATCCCCAGCCACTAA

```

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_019606

Insert Size: 2070 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).

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:

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_019606.5](#)

RefSeq Size: 3047 bp

RefSeq ORF: 2070 bp

Locus ID: 56257

UniProt ID: [Q7L2J0](#)

Cytogenetics: 7q22.1

Protein Families:	Druggable Genome
MW:	74.4 kDa
Gene Summary:	<p>S-adenosyl-L-methionine-dependent methyltransferase that adds a methylphosphate cap at the 5'-end of 7SK snRNA, leading to stabilize it.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (A).</p>