

Product datasheet for **SC113267**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_019606, the custom clone sequence may differ by one or more nucleotides

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ATGATCGAGATGGCGCGGAGAAGGAGCCGTTTCTGGTGCCGGCCCCGCCGCCGCTCAAAGATGAGT
CGGGCGGAGGGGGCGGCCACCGTGCCACCGCACCAAGAGGCCGCTCTGGGGAGCTCCGCGCGGGAC
GGAGCGTGGTCCGGTCTGTTGCGGCCATCTGCGGGTCCCCAGCCGCTGCGGTGCGTGGGAAAGCCCC
GGGGCCGCGGCCACCTCCTCCAGTGGTCCCAGGCGCAGCAGCACCGAGGGGGCGGCCCCAGGCGCAGT
CGCATGGGGAGGCCCGCTGTGGATCCCCGGGGCGAGCCGCTCCCCGGACGTGGGGAGGAGCGCCG
GGGAGGGGGCGGACAGAGCTGGGTCCCCTGCTCCTCCTCGACCCCGCAATGGTATCAGCCCCACCGG
CCACCTGGGGGGCGGGGCAAGAGGAGAAAATAGCTGTAATGTAGGGGGAGGCGGGGAGGCTTCAAAC
ATCCGGCCTTCAAGAGGCGCAGGCGGGTGAATTCGACTGTGACTCTGTGTTACCCTCCAACCTCCTCT
GGGGGCAATATCTTTGATCCCCTGAACCTGAATAGCCTCCTGGATGAGGAAGTGAGCCGACTCTCAAC
GCGGAGACCCCTAAGTCATCCCCCTTCCGGCCAAAGGGCGAGATCCGGTGGAGATCCTCATCCCCAAAG
ATATTACTGACCCGCTCAGTCTCAATACTTGACTGATGAGGGCCATGTAGTTCTTGCTTCGCCACTCAA
GACTGGTTCGGAAGCGGCATAGACACCGGGGACAGCACCACCAGCAGCAGCAGGCAGCCGGAGGGAGTGAG
AGTCACCCCGTGCCGCCACAGCCCTCTCACCCCTTACTCCACGGGGAGGGCGCCTCACAGCAGCCGC
GGCACAGGGGCCAGAACCGGGATGCCCCCAACCTATGAACTCAACACAGCCATCAACTGCAGGGATGA
AGTGGTGTCTCCCTTCCATCTGCTCTGCAAGGTCCTCAGGCTCCCTATCAGCCCTCCAGTGCCTCA
GTTATCTCTGCACCCCATCTTCTCCTCCCGACATCGAAACGTCGCAGGACTTCAGCAAGTCGGAGG
CAGGGGTAGGGGTGGAGGCCAGGGTTCCAAGGAAAAGGGCCGAGGGAGTTGGGGAGGCCGCCACCACCA
CCACCACCCACTGCCTGCAGCAGGCTTCAAAAAGCAACAGCGCAAGTTCAGTATGGGAATTATTGCAAA
TACTATGGGTACCGCAATCCTTCTGTGAGGATGGCGCCTTCGGGTGTTGAAGCCTGAGTGGTTTCGGG
GCCGGGACGTCTAGATCTGGGCTGCAATGTGGGCCATCTGACCCCTGAGCATTGCCTGCAAGTGGGGCCC
GTCCCGCATGGTGGGCTGGATATCGATTCCCGGCTCATCCATTCTGCCCGCAAAAACATCCGACTAC
CTTTCGAGGAGCTGCGTCTCCACCCAGACTTTGGAAGGGGACCCGGGGGCGAGGGTGAGGAAGGGA
CCACCACCGTTGAAAGAGGAGCTGTTCCAGCCTCGCTGACTGCCAGCCGGGGTCCCATCGTGCCTCC
CCAAGTGCCTTGGATGGAGCGGACACATCAGTCTTCCCAACAATGTTGTCTTCGTACGGGTAATTAT
GTGCTGGATCGAGATGACCTGGTGGAGGCCAAACACCTGAGTATGATGTGGTGTCTGCCTCAGCCTCA
CCAAGTGGGTGCATCTGAACTGGGAGACGAGGGCCTGAAGCGCATGTTTCGCCGATCTACCGGCACCT
ACGCCCTGGGGCATCCTGGTCTAGAGCCCCAACCTGGTGTGATGGAAGAGAAAGACTCTTACA
GAAACGATCTACAAGAACTACTACCGAATCCAATTGAAGCCAGAGCAGTTCAATTCTACCTGACATCCC
CAGACGTGGGCTTCTCCAGCTATGAGCTTGTGGCCACACCCACACACCTCTAAAGGCTTCCAGCGTCC
TGTGTACCTGTTCCACAAGGCCGATCCCCAGCCACTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_019606 unedited
 TAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCTAAGTCATCCCCCTTC
 CGCCAAGGGCGAGATCCGGTGGAGATCCTCATCCCCAAAGAATTACTGACCCGCTCAGTC
 TCAATACTTGGACTGATGAGGGCCATGTAGTTCTTGCTTCGCCACTCAAGACTGGTCGGA
 AGCGGCATAGACACCGGGGACAGCACCACCAGCAGCAGGCAGCCGGAGGGAGTGAGA
 GTCACCCCGTGCCGCCACAGCCCCTCTCACCCCTTACTCCACGGGGAGGGCGCCTCAC
 AGCAGCCGCGGCACAGGGGCCAGAACCGGGATGCCCCCAACCCTATGAACCTCAACACAG
 CCATCAACTGCAGGGATGAAGTGGTGTCTCCCCTTCCATCTGCTCTGCAGGGTCCCTCAG
 GCTCCCTATCAGCCCCTCCAGCTGCCTCAGTTATCTCTGCACCCCATCTTCTCTCTCCC
 GACATCGCAAACGTGCGAGGACTTCCAGCAAGTCGGAGGCAGGGGCTAGGGGTGGAGGCC
 AGGGTTCCAAGGAAAAGGGCCGAGGGAGTTGGGGAGGCCGNCACCACCACCACCCAC
 TGNCTGCAGCAGGCTTCAAAAAGCAACAGCGCAAGTTCCAGTATGGGAATTATTGNCAAT
 ACTATGGGTACCGAATCCTTCTGTGAGGATGGGCGCCTTCGGGTGTTGAGCCTGAGTG
 TTTCCGNGCCGGACGTCTAGATCTGGGCTGNCATGTGCGCATCTGACCCTGAGCATTG
 CCTGNCAGTGGGNCNGTCCAGCAATGTGGCCTGGATATCGATTCCNGGCTCATNCATT
 CTGCCCGACNNAACCTNCGACACTACCTTTGCGAGGAGCTGCGTCTCNNACANAACTTN
 GTNATGGNACCNCGGNCTANTGNTGNAGNAGGGNANACCANNGTNCGNNNNGAGTGCTG
 CTNNCAGCCTCGCTGACTGCG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_019606 unedited
 GCCCTGAGCATCAGTTTTTANNNTGTGCTGTTCTCACACTTGAAAACCCAAGCCCCTCTC
 CCTTTGGGGGAGGGCAAAGGGAAGGATTTTACAGTACCTGCGTGCCTCCCTGCCAGTCT
 TCCCCGTCTAACCTCAGTCCCTCTATCCATGGTCCACTGAAATGCAGCTAGGGACAAGA
 GCTAGGTACAATGGCCGAGGAGAAATGGGAATCTCTCTCCTTGGGAGAATACGAGGAAAG
 GGCTAGAGAATTTGATATCCTCCCACCTCCCATGCCCTAAGAGAACAGAGGTGAGCAAAAC
 AGTCCATGCCATCCAGCCTGGGAGGCTGGGGGAGAGGAAGATGATGGTGACTCCAGCACA
 GCCAGCCTTGCTGCGCACGTGCCACAGGCATAGGGAGGAGGCTGATGCACCGACCGAAGA
 AAAGCTCTCTTTGCACATCCAAGAAAGGAAACCTATCCTTTGGAGCTCAGAAAGGAAAGA
 CCTTGTGACACTTCTCTCTCCCCAGGTCCTTATGAGCAGCGAGGGCAGCCTCTTACA
 CTGTCTGTTTACGGGGCCACTTTACGGCTGGGGATCGCGCCTTGGGACAGGTACACAGA
 CCCTGGAACCCCTTTTAGGTGTTGTGGGGTGGGCCACCCCTCACCCCTGCTCACCCCGC
 CTGCGGACGTAGGCACGAACTGACCGTTCTGCTTCCATGGATCGCCATACTTTTCGATAT
 CCGTTCTCAAGACCCCTTCCCCTCCCCTCCCAACAGGCTGGGGCTTTAGCCCTGATCCCC
 CCGGGTACGGGCCGGGAAAACCCGAAAAATGCCTAAGCCTTCTTTTCCANTCACATCCCC
 CCTGTGGAGGTGGGCGCCACTTATCCCATGGTTTGGGCTACCCATCTCCCCATCCA
 CACAATCCCCCACCACCCCTGTTGGGCAACCATTTTTCTCTCCCGCCACTTGGGGC
 CCACAGTACCTCGTTCATTTTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_019606

Insert Size:

663 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_019606.3 , NP_062552.1
RefSeq Size:	3047 bp
RefSeq ORF:	663 bp
Locus ID:	56257
UniProt ID:	Q7L2J0
Cytogenetics:	7q22.1
Protein Families:	Druggable Genome
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>