

## Product datasheet for **SC329443**

### MEPCE (NM\_001194992) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** MEPCE (NM\_001194992) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** MEPCE  
**Synonyms:** BCDIN3  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329443 representing NM\_001194992.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

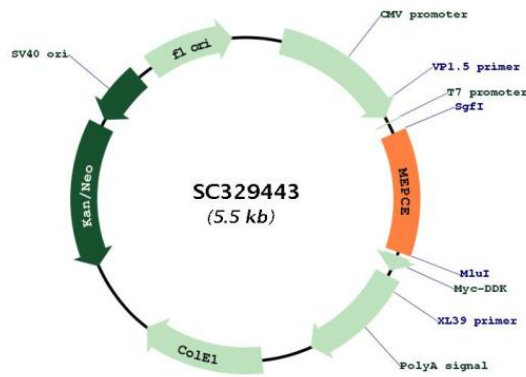
```
ATGGTGGGCTGGATATCGATTCCCGGCTCATCCATTCTGCCCGCCAAAACATCCGACACTACCTTTCC
GAGGAGCTGCGTCTCCCACCCAGACTTTGGAAGGGGACCCGGGGCAGAGGGTGAGGAAGGGACCACC
ACCGTTCGAAAGAGGAGCTGCTTCCAGCCTCGCTGACTGCCAGCCGGGTCCCATCGTGCCCCCAA
GTGCCCTTGGATGGAGCGGACACATCAGTCTTCCCAACAATGTTGTCTTCGTACGGGTAATTATGTG
CTGGATCGAGATGACCTGGTGGAGGCCAAACACCTGAGTATGATGTGGTGTCTGCCTCAGCCTCACC
AAGTGGGTGCATCTGAAGTGGGAGACGAGGGCCTGAAGCGCATGTTTCGCCGGATCTACGGCACCTA
CGCCCTGGGGCATCCTGGTCTAGAGCCCAACCCTGGTCGTGATGGCAAGAGAAAGACTCTTACA
GAAACGATCTACAAGAACTACTACCGAATCCAATTGAAGCCAGAGCAGTTCAATTCTACCTGACATCC
CCAGACGTGGGCTTCTCCAGCTATGAGCTTGTGGCCACACCCACAACACCTCTAAAGGCTTCCAGCGT
CCTGTGTACCTGTTCCACAAGGCCCGATCCCCAGCCACTAA
```

**Restriction Sites:** Sgfl-Mlul



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Plasmid Map:



ACCN: NM\_001194992

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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001194992.1</a>
<b>RefSeq Size:</b>	1764 bp
<b>RefSeq ORF:</b>	663 bp
<b>Locus ID:</b>	56257
<b>UniProt ID:</b>	<a href="#">Q7L2J0</a>
<b>Cytogenetics:</b>	7q22.1
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	25 kDa
<b>Gene Summary:</b>	<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 (4) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream AUG, compared to variant 1. The resulting protein (isoform B) has a shorter N-terminus, compared to isoform A. Variants 2, 3 and 4 encode the same isoform (B).</p>