

Product datasheet for **MC204098**

Mepce (NM_144913) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mepce (NM_144913) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mepce
Synonyms:	Bcdin3; D5Wsu46e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026876
 CACTCGGGGAAGGAGGGAGTGAGGTGGTCTTAGGAAGGGTTACAGGGGGCTTCCCCTTGCTCTTCTCA
 GTACCCTCGCTTGAGAAGGGGAAATTAACAGGGAGAGGAGATGATCGAGATGGCGGGGAGAAGGAGCC
 CTTTCTGGTGCCGGCCCCGCCGCCGCTCAAAGATGAGTCGGGCGGAGGGGGCGGCCCGAGGTGCAA
 TCGCACCAAGAGGCTGCCTCCGGGGAGCTCCGTGATGGGACAGAACACGGGCCGGGCCCTCGCGCCTCA
 CGCCCGGGGCGCAGCCAGCGGAGGGGGCGGCCCCAGGCACAGGCGCACGGGGAGCCCCACGGGCGAGC
 CGCCGCTCCTGCGGACGTGGGGGAGGAGCGCCGGGGAGGGGGCGGGACGGACCTGGGTCCCCAGCCCT
 CCTCGACCTCGCAATGGCTACCAGCCCCACCGACCCCTGGGGGTGGTGGGGGCAAAAAGAAGAAATAGCT
 GTAACGTGGGGGAGGGAGCGGTGGAAGCTTCAAACATCCGCGCTTCAAGAGGCGCCGGCAGTGAATTC
 GGACTGCGACTCTGTGTACCATCCAATTTCTTCTGGGGGTAACATATTTGATCCACTGAACCTGAAT
 AGCCTCCTGGATGAGGAAGTGAAGTGGCGACTCAATGCGGAGACCCCAAAGTCATCCCCACTTCCGGCCA
 AGGGGCGAGACCCTGTGGAGATCCTCATCCCCAAAGATATCACTGACCCGCTCAGTCTCAACACTTGAC
 TGACGAGGCCATGTAGTCTTGCCTCACCCTCAAGATTGGTCGCAAGCGCCATAGACACCGGGGACCG
 CACCACCAGCAGCAGCGCTTGGAGGAATGATAGCAACGCCGCGTGTGCCACTGACCCTCTCA
 CGCCCTCACTCCATGGGGAGGTGCTACGCAGCAGCAGCAAAACAGAGGCCAGAACCCTGATGCCCTCA
 ACCCTATGAACCAACACAGCCATCAACTGCAGGGATGAAGTTGTGTCTCCCTTCCATCTGCCCTCGAG
 GTTTCTCAGGCTCCCTTCTGCCCTCCAGCTGCCTCAGTTACCTCTGCACCCTCTACTTCTTCTCCT
 CCCGACATCGAAACGTGCGAGGACTTCCAGCAAGTCAGAGGCAGGGGCTAGGGGTGGAAGCCAGGGTTC
 CAAGGAAAAGGGCAGAGGGAGTGGAGGAGGCCGTACCACCACCACCCACTACCTGCAACTGGCTTCAAA
 AAGCAACAGCTAAAGTTCCAATATGGGAATTACTGCAAGTACTATGGCTATCGCAATCCTTCTGTGAGG
 ATGTGCGCCTTAGGGTGTGAAGCCGAGTGGTTTCAAGGCCGGGACGTCTAGTCTGGGCTGCAACGT
 TGGCCACTGACCCTAAGTATTGCCTGCAAGTGGGGCCAGCCCGCATGGTGGGGCTGGACATTGATCCA
 CGGCTTATCCACTCTGCTCGCCAAAATATCCGACACTACCTGTGCGAGGAGCTTCGTCTCCAAGCTCAGA
 CTTCTGAGGGGGACCCAGGGACAGAGGGGAGGAAGGGACTATCACTGTCCGAAAAAGGAGCTGCTTCCC
 AGCCTCACTGACAGCCAGCCGGGTCCCATCGCTGCACCCCAAGTGCCCTTGGATGGAGCGGACACATCT
 GTCTTCCCAACAATGTCGTCTTCTGTCACGGGTAACATGTCCTGGACCGAGATGAGCTGGTGGATGCC
 AAAGACCGGAGTATGATGTGGTGTGCTTACGCCTCACCAGTGGGTGCACCTGAACTGGGGTATGA
 GGGGCTGAAGAGAATGTTCCGCCGATCTACCGCACCTGCGCCCTGGGGTATTCTGGTCTGGAGCCC
 CAACCATGGTCTCTACTGCAAGAGAAAGTCTCTCACGAAACAATCTATAAGAACTACTTTGAAATCC
 AGTTGAAGCCAGAACAGTTCAGTTCCTACCTGACATCCCAGAGGTGGGTTTCTCCAGCTATGAGCTTGT
 GGGCACACCGAATAACACCTCCAGAGGCTTCCAGCGTCTGTGACTTGTCCACAAGGCTCGATCCCC
 AGCCACTAAGTGGCCTTCTGAGAAGTGTAAAGAGGCTGCCCTTGTCTGCTCTGAGGACCTGGGGGAAA
 GGAAATATTCCAAGGTCTTTCCTAACTCCAAAAGTTTCTCCTTTTCTGGATCTGTCAAGAGAGCTTT
 TCCTAAGTTGCTACCCACATCTCCTCCCTGTACCTCTGGCACTTGAGCAAGCCAGCTGTGCTGGAAT
 TCCATCAGCTTCTCTCCTAGCCCGCTGGGCTGGATGGCATGGACTGTTTGTGACTCTGCCACCTGGG
 ACAGGGGAAGGGGGAATGTCGAGTTCACAGGCCCTTCTCCTGTTCTCAGGGGACTTCCCGCTTCTCT
 CAGCCTTGTCTCCTAGCTGCACTTAAATGGACCATGGATGGACTAAGGGTGTAGAGGGGAAGTTTGGTA
 AGGAGACACAGGTAAGTGTGAAAGTCTTTTGTGTCCCCCGTGGGAGGGAGCTGGGTTTGGAAATGT
 GAGAACAGCACAAATAAAGTGGTAACTAGGAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_144913
- Insert Size:** 1998 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:

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: [BC026876](#), [AAH26876](#)

RefSeq Size: 2640 bp

RefSeq ORF: 1998 bp

Locus ID: 231803

UniProt ID: [Q8K3A9](#)

Cytogenetics: 5 76.7 cM

Gene Summary: 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]