

Product datasheet for **RN217069**

Mepce (NM_001100678) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mepce (NM_001100678) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mepce
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217069 representing NM_001100678
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGGCGC
 GCC

ATGATCGAGATGGCGCGGAGAAGGAGCCCTTTCTGGTGCCAGCCCCACCGCCCGCTCAAAGATGAGT
 CGGGTGGAGGGGGCGGCCCGAGGTGCGATCGCACCAAGAGGCTGCCTCCGGGGAGCTCCTCGACGGGAC
 AGAACGCGGGCGGGCCACGCGCGCACTCGGCCGGGGCCACAGCCAGCGGAGGGGGCGCCCCAGGCA
 CAGACGCATGGGAGCCCCACGGGCGAGCTGCCGCTCCTGCGGACGTGGGGAGGAGCGCCGGGAGGGG
 GCGGGACGGACCTGGGTCCCCAGCCCCTCCTCGACCTCGCAATGGCTACCAGCCCCACCAGCCCCAGT
 GGGTGGTGGGGCAAAGAAGAAATAGCTGTAACTGGGGGAGGGAGCGGTGGAAGCTTCAAACATCCG
 GCCTTCAAGAGGCGCCGGCGAGTGAATTCGACTGCGACTCCGTGTTACCATCCAATTTCTTCTGGGGG
 GTAATATATTTGATCCACTGAACCTGAATAGCCTCCTGGATGAGGAAGTGAAGTGCAGCCTCAATGCGGA
 GACCCCAAAGTCATCCCCACTTCGGCCAAAGGGGAGAGACCCTGTGGAGATCCTCATCCAAAAGATATC
 ACTGACCCACTCAGTCTCAACACGTGCACTGATGAAGCCCATGTAGTGCTTGCTTACCAGTCAAGATTG
 GTCGAAGCGCCATAGACACCGGGACCGCACCACCAGCAGCAGCAGGCATCTGGAGGGAATGATAGCCA
 AGCTGTGCTGCCACTGACCCTCTCACACCCTCAGTCCATGGGGAGGGTGTACGCAGCAGCACAGAGGC
 CAGAACCAGATGACCCTCAACCCTATGAACTCAACACAGCCATCAACTGCAGGGATGAAGTTGTGTCTC
 CCCTTCGTCTGCCCTGCAGGGTTCTCAGGCTCCCTTTCTGCCCTCCAGCTGCCTCAGTTACCTCTGC
 ACCCTCTCTCTCTCTCCGACATCGCAAACGTGCGAGGACTCCAGCAAGTCAAGGACAGGGGCTAGG
 GGTGGAAGCCAGGGTTCCAAGGAAAAGGGCAGAGGGAGTGGGGAGGCGGTCACCACCACCCACTACCTG
 CAACTGGCTTCAAAAAGCAACAGCTCAAGTTCAGTATGGGAATTACTGCAAGTACTATGGCTATCGCAA
 TCCTTCTGTGAGGACATGCGCCTTAGGGTATTGAAGCCTGAGTGGTTTCAAGCCGGGACGTCTTAGAT
 CTGGGCTGCAACGTTGGCCATCTGACCCTAAGTATTGCCTGCAAGTGGGGCCAGCCGCATGGTGGGGC
 TGGACATTGATCCACGACTTATCCACTCTGCCGCAAAAATATCCGACACTACCTGTCCGAGGAGCTTCG
 TCTCAAGCTCAGACTTCTGAGGGGACCCAGGGACAGAGGGGAGGAAGGGACTACCACTGTCCGAAAA
 AGGAGTGCTTCCAGCCTCACTGACAGCCAGCCGGGGTCCCATCGCTGCACCCCAATTTGCCCTGGATG
 GAGCGGACACATCTGTCTCCCCAACAATGTCGTCTTCGTCACGGGTAATATGCTCTGGACAGAGATGA
 GCTGGTGGATGCCAAAGACCTGAGTATGATGTGGTGTCTGCTTCAGCCTCACCAGTGGGTGCACCTG
 AACTGGGGTGATGAGGGGCTGAAGAGAATGTTCCGCCGATCTACCGGCATCTGCGACCTGGGGCATT
 TGGTCTGGAGCCCAACCGTGGTCTGCTACTGCAGGAGAAAGTCTCTACAGAAACAATCTATAAGAA
 CTACTTTCGAATCCAGCTGAAGCCAGAACAGTTCACTCTACCTGACATCTCCAGAGGTGGGTTTCTCC
 AGCTATGAGCTTGTGGCCACACCAAGTAACACCTCCAGAGGCTTCCAGCGTCCGGTGTACTTGTCCACA
 AGGCCGATCTCCAGCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI

ACCN: NM_001100678

Insert Size: 1983 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001100678.1, NP_001094148.1</u>
RefSeq Size:	3120 bp
RefSeq ORF:	1983 bp
Locus ID:	304361
Cytogenetics:	12q12