

Product datasheet for **RN208147**

Cpe (NM_013128) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpe (NM_013128) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpe
Synonyms:	CARBE; Cph
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208147 representing NM_013128
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGGGCGCGGAGGACGGGTGCTGCTGGCGCTGTGTGCCGCGCTGGTGGCCGGCGGGTGGCTGTTAG
 CGGCTGAAGCCCAGGAGCCCGGGGCGCCAGCGGCTGGCATGCGGCGGCGCCGCGGCTGCAGCAGGAGGA
 CGGCATCTCCTTCGAGTACCACCGCTATCCCGAGCTGCGCGAGGCGCTGGTGTGGTATGGCTGCAGTGC
 ACCGCCATCAGCAGGATCTACACGGTGGGGCGCAGCTTCGAGGGCCGGGAGCTCCTGGTATCGAGCTGT
 CTGACAACCCCGGGTCCATGAGCCCGGTGAACCTGAGTTTAAATACATTGGGAACATGCATGGTAAATGA
 GGCGGTTGGACGGGAGCTGCTATTTTCTGGCCAGTACCTGTGAACGAATACCAGAGAGGGAATGAG
 ACAATTGTCAACCTGATCCACAGCACACGAATCCATATCATGCCCTCCTGAACCCCGATGGCTTTGAGA
 AAGCAGCATCTCAGCCCGGTGAGCTGAAGGACTGGTTCGTGGCCGCGAGCAATGCCAGGGAATAGATCT
 GAACCGGAACTCCAGACTTGGATAGGATCGTGTATGTTAATGAGAAAGAAGGGGTCCCAACAACCAC
 CTGCTGAAGAATCTGAAGAAAATTGTGGACAAAATCAAAGCTTGCCCCGAGACCAAGGCTGTCAATC
 ACTGGATCATGGACATCCCATTTGTGCTCTCTGCCAACCTGCACGGAGGAGACCTCGTGGCTAATTACCC
 GTATGATGAGACGCGGAGTGGTACTGCTCACGAATACAGTTTCTGCCCTGATGACGCAATTTTCAAAGC
 TTGGCTCGGCATACTCTTTTCAACCCAGTCATGTCTGACCCCAATCGACCTCCCTGTGCAAGAATG
 ATGATGACAGTAGCTTTGTAGATGGAACAACCAATGGTGGTGCATGGTACAGCGTCCCGGTGGAATGCA
 AGACTTCAATTACCTGAGCAGCAACTGCTTTGAGATCACTGTGGAGCTTACGTGTGAGAAGTTCCCACT
 GAAGAGACTCTCAAAGCTACTGGGAAGATAACAAAACTCCCTCATCACTACCTGGAGCAGATACACC
 GAGGTGTTAAAGGGTTTGTCCGTGACCTCAAGGTAATCCGATTGCCAACGCAACCAATTTCCGTGGATGG
 GATAGACCATGATGTACCTCGGCTAAGGATGGGGATTACTGGCGATTGCTTGGCGCTGGAACTATAAA
 CTTACAGCCTCAGCTCCCGGCTACCTGGCAATCAAAAGAAAGTGGCAGTTCTTTTCAGCCCTGCTGTTG
 GGGTGGACTTTGAGCTGGAGTCTTTCTATGAAAGGAAGGAGGAGGAGAAGGAAGAATTGATGGAGTGGT
 GAAAATGATGTCAGAGACTTTGAATTTT**TAA**

ACCGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_013128

Insert Size: 1431 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: [NM_013128.1](#), [NP_037260.1](#)
RefSeq Size: 2092 bp
RefSeq ORF: 1431 bp
Locus ID: 25669
UniProt ID: [P15087](#)
Cytogenetics: 16p13
Gene Summary: may play a role in post-translational processing of peptide hormones including preproopiomelanocortin [RGD, Feb 2006]