

Product datasheet for **MC218992**

Cpne7 (NM_170684) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne7 (NM_170684) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cpne7
Synonyms:	AW047065
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC218992 representing NM_170684
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCGGCGACTCGGAGCGCGGTGGCCCCGGGGTGGTGCCTGCACCCTGCGCCTCGAAGTGGAGC
 TCGGGCTGAGCTGCCGGCACCTGCTGGACCGGGACCCATTGACCAAGTCCGACCCAGCGTGGTGCCTGCT
 GCAGCAGGCACAGGGCCAGTGGCTACAGGTGGACAGAACAGAGGTGGTGAAGAGCAGCCTGCATCCTGTG
 TTCTCAAAGTCTTCACTGTCGACTACTACTTCGAGGGGGTGCAGAAGCTACGGTTTGGAGTGTATGACA
 CCCACGGGCTAGTGGGCTGACTTGCCAGGATGATGACTTCTAGGGGGCATGGAGTGTACCCTGGGTCA
 AATTGTGGCCAGAAGAAGATGACACGGCCATTGCTGTTGCGATTCCGGCAGGAATGCTGGCAAGTCCACC
 ATCACGGTGATAGCAGAGGACATCTCTGGGAACAACGGCTATGTGGAGCTCTCCTCCAGGCCCGGAAAC
 TGGATGACAAGGACCTCTTCAGCAAGTCGGACCCCTTCTAGAGCTGTATCGGGTAAATGACGACGGGAG
 TGAGCAGCTCGTGTACAGGACAGAGGTAGTGAAGAACAATCTTAACCCAGTGTGGGAACCCCTCAAGGTG
 TCCTGAATTCACCTCTGCAGCTGCGAGGAGACACGGCCTCTGAAGTGCCTGGTCTGGGACTATGACTCCC
 GAGGAAAGCATGACTTCATTGGCGACTTACCACCACGTTTCGAGAGATGCAAGAAGGCCCTTTGAGGAGGA
 GCAGCAGGCCAGTGGGACTGTGTGAATGCCAAGTACAAACAGAAGAAGCGCAATTACAAGAATTCGGGG
 GTGGTGTCTGGCAGACCTGAAGCTCCACAGGGTCCACTCCTTCTGGATTACATCATGGGTGGCTGCC
 AGATCCACTGTACGGTAGCCATCGACTTACAGCCTCCACGGTGACCCGAGGAACAGCTGCTCCCTCCA
 CCACATCAACCTTACCAGCCCAACGAGTACCTGAGGGCATTGGTGGCAGTGGGCGAGGTCTGCCAGGAT
 TATGACAGTGACAAGCGGTTTTCTGCTCTGGGATTTGGAGCCCGATCCCTCCCAAGTATGAGGTGCC
 ACGACTTTGCCATCAATTTCAACCTGAGGACGATGAGTGTGAAGGAATCCAGGGCGTGGTGGAGCCTA
 CCAGAACTGCCTGCCGAAGGTTACGCTCTACGGCCCCACCAACGTGGCACCCATCATCTCTAAGGTGGCC
 CGCATGGCAGCGCTGAGGAGAGCACAGGAGAGGCTTCTCAATATTACATACTGCTGATCCTCACGGACG
 GTGTGGTGACGGATATGTCGGACACTCGAGAGGCCATTGTGCGTGCCTCCACCTGCCATGTCTGTCTCAT
 CATTGTTGGGGTGGGCAACGCTGACTTACAGATATGCAAATCTTAGACGGGGATGATGGAGTCTCGCT
 TCCCCACGGGGCGAGCCTGCACTCCGGGACATCGTTAGTTTGTGCCCTCCGTGAGCTAAAGAACGCAT
 CCCCCGACGACTGGCCAAGTGTGTGTTGGCCGAGGTGCCAAAGCAGGTGGTTGAATACTACAGCCACAA
 GGAGCTGCCTCCTCGAAGCCTTGGCGCCAGACTGGAGAGGCTGCTGCCAGCTCAGCGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_170684

Insert Size: 1674 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_170684.2](#), [NP_733785.1](#)

RefSeq Size: 2421 bp

RefSeq ORF: 1674 bp

Locus ID: 102278

UniProt ID: [Q0VE82](#)

Cytogenetics: 8 E1

Gene Summary: Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene is one of several genes that encodes a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. [provided by RefSeq, Jul 2008]