

Product datasheet for **SC117678**

CPNE3 (NM_003909) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPNE3 (NM_003909) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPNE3
Synonyms:	CPN3; PRO1071
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >NCBI ORF sequence for NM_003909, the custom clone sequence may differ by one or more nucleotides

```

ATGGCTGCCAGTGTGTCAAAAGGTGGCGCTGAATGTTTCTGTGCCAATCTTTGGATAAAGATATAG
GGTCAAAGTCAGACCCTTTATGTGTGTTGTTTTGAATACAAGTGGTCAACAGTGGTATGAGGTTGAGCG
CACAGAAAAGGATTAAGAATTGCTTGAATCCCAATTTTCCAAGACATTTATTATTGATTACTACTTTGAA
GTGGTTCAGAAAATGAAATTTGGGGTTTATGACATCGACAACAAAACATTGAGCTGAGTGATGATTGACT
TCTTAGGGGAATGTGAATGTACCCTTGGACAAATTGTTTCCAGCAAGAAGCTAACTCGACCACTGGTGAT
GAAAACCTGGCAGACCTGCAGGAAAAGGGAGCATTACGATTTTCAGCTGAAGAAAATAAAGATAATAGAGTG
GTCTTGTGTTGAAATGGAAGCCAGAAAACCTGGATAATAAGGATCTATTTGGAAAAGTCAGACCCATACTGG
AATTCACAAGCAGACATCTGATGGAACTGGCTAATGGTTCATCGACAGAGGTTGTTAAAAACAACCTT
GAATCCTGTTTGGAGGCCTTTCAAGATCTCTTAACTCACTGTGTTACGGAGATATGGACAAAACCATT
AAGGTGGAGTGTTATGATTATGACAATGATGGGTACATGATCTCATTGGAACATTTTCAGACCACCATGA
CAAAACTGAAAGAAGCCTCCAGAAGCTCACCTGTTGAATTTGAATGCATAAATGAGAAAAAAGGCAAAA
GAAAAAAGCTACAAGAATTCAGGTGTTATCAGTGTGAAACAGTGTGAGATTACAGTAGAATGCACATTC
CTTGACTATATAATGGGAGGATGTCAGCTGAATTTTACTGTGGGAGTGGACTTCACTGGCTCCAATGGTG
ACCCAAGTCTCCAGACTCCCTTCATTACATCAGCCCCAATGGCGTTAATGAGTATTTGACTGCTCTCTG
GTCTGTGGGACTGGTCATTCAAGATTAATGATGCTGATAAGATGTTTCCAGCTTTTGGTTTTGGCGCTCAG
ATACCTCCTCAGTGGCAGGTATCACATGAATTTCCAATGAACTTCAACCCATCCAATCCCTACTGCAATG
GAATCCAAGGCATTGTAGAGGCGTATCGGTCTTGTCTTCTCAGATAAACTCTATGGACCAACTAATTT
TTCTCCAATCATAAATCACGTGGCCAGGTTTGTCTGCTGCAGCCACGCAACAGCAGACAGCTTCTCAATAT
TTTGCTTTTGGATTATTACTGATGGTGTGATCACAGACCTTGATGAAACCAGACAAGCTATAGTTAATG
CCTCCAGGCTGCCTATGTCCATCATAATTGTTGGAGTTGGAGGTGCTGACTTCAGCGCCATGGAGTTTCT
GGATGGTGTGGTGAAGTCTCCGCTCCCCATTGGGCGAAGTGGCCATCAGAGATATTGTCCAGTTTGTG
CCTTTCAGACAGTTCAGAATGCTCCAAAAGAAGCACTTGTCTCAGTGTGCTTGGCAGAGATTCCCCAGC
AGGTGGTGGGCTACTTCAATACATACAACTCCTTCTCCAAGAACCAGCCACGAAACAACAGAAGCA
GTGA
    
```

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_003909 unedited

```

TCAGAATATTTGTATACGAACTCACTATAGGGCGGCCGGAATTCGCACGAGCCAACCTG
TTCTCCACCGTCGCTCGACTTCCACCTTAAGACTCCCACAACCTCAAGACATGGCTGCC
AGTGTGTCAAAAGGTGGCGCTGAATGTTTCTGTGCCAATCTTTGGATAAAGATATAG
GGTCAAAGTCAGACCCTTTATGTGTGTTGTTTTGAATACAAGTGGTCAACAGTGGTATG
AGGTTGAGCGCACAGAAAGGATTAAGAATTGCTTGAATCCCAATTTTCCAAGACATTTA
TTATTGATTACTACTTTGAAGTGGTTCAGAAAATGAAATTTGGGGTTTATGACATCGACA
ACAAAACCTATTGAGCTGAGTGATGACTTCTTAGGGGAATGTGAATGTACCCTTGGAC
AAATTGTTTCCAGCAAGAAGCTAACTCGACCACTGGTGATGAAAACCTGGCAGACCTGCAG
GAAAAGGGAGCATTACGATTTTCAGCTGAAGAAAATAAAGATAATAGAGTGGTCTTGTGTTG
AAATGGAAGCCAGAAAACCTGGATAATAAGGATCTATTTGGAAAAGTCAGACCCATACTGG
AATTCACAAGCAGACATCTGATGGAACTGGCTAATGGTTCATCGACAGAGGTTGTTA
AAAACAACCTTGAATCCTGTTTGGAGGCCTTTCAAGATCTCTTAACTCACTGTGTTACG
GAGATATGGACAAAACCTTAAGGTGGAGTGTTATGATTATGACAATGATGGGTACATG
ATCTCATTGGAACATTTTCAGACCACCATGACAAAACCTGAAAGAAGCCTCCAGAAGCTCAC
CTGTTGAATTTGAATGCCTAAATGAGAAAAAAGCAAAAAGAAAAAAGCTACAGAATCAGG
TGTATCAGTGTGAACATGTGAA
    
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_003909 unedited CCGCGGCCGAATCNATAGTCGAGTTTTTTTTCTTTTCTTGGACAAAACAGTCCTAAC CGTTTTAACAAATCTCAATTAAGTAATCTAATAATGTAGAATTCAGGACAACCTACCAT CTGTGCATCTACAATATCCTGAAAGTCTTGCTCAGTTAATGAAAAAAAAAGCCAAATCTG ACCATGTTTACAGTTTTCCACAATAAAATAAAATATCTACAAAGGCAATAAAAAATGGCT TACTTACATGAGGTTATTTTTACTTGTTGATTGTACATTGAAAAAAGTACTGAGTCTGGGCCT TTTCTGCTCATTACCACTTCTCATAAACCCCAACCTGAGTGCGTGCTTGGTTGTAA ACACACCATTTACCGCTGTGCTCCCAATCCCATGCCTCTACACGCTATGCTTAACTGCCA CACCCCTCTCTGACCACTCCGCTCCCTGTCCGATGCTCTCGTGGACTCCCACTATCC CCCGATCAGCCGTCGCGCTCCCTTACCTGCAACCTTTTCTGCTGTCTCACTTCTGCTC TTCCCTCTCCCTCTCTCCCTTCCCTTACCTTGTCGACCGCCCTATACCCTTCATTG AGTCCCCCGCCACCCCTCCGCCCCCATCTTGCTTTCTCCACCCTCTGACTCGTCTCTC TCCCTTCCCTCCCTCTCTTCTTCTCGTCTCTCCCTTTTACATCACCCCTTTG CTCCAGTCGCTTCATGTGCCTTCCCGTGGTCTCTGCCCTCTCCGCTCTCCCAACGC GCCTACTCCCTTCTCTCACTCCCTCTTTCGATGCTCTTTCCCTCTTTTCTCATTCT CCGTTATACTGATCTTTCCCGCACATCTCTCACCTCGATCATTCTTCTCACTACTCCCC CTGCTCTTACTTCCCCGCCCTTCTTATCTTCCGTCAT
Restriction Sites:	NotI-NotI
ACCN:	NM_003909
Insert Size:	4500 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:	<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:	NM_003909.2 , NP_003900.1
RefSeq Size:	4868 bp
RefSeq ORF:	1614 bp
Locus ID:	8895
UniProt ID:	O75131
Cytogenetics:	8q21.3
Domains:	C2, VWA

Gene Summary:

Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene encodes a protein which contains two type II C2 domains in the amino-terminus and an A domain-like sequence in the carboxy-terminus. The A domain mediates interactions between integrins and extracellular ligands. [provided by RefSeq, Aug 2008]