

Product datasheet for **SC202489**

CPNE1 (NM_003915) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CPNE1 (NM_003915) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CPNE1
Synonyms:	COPN1; CPN1
ACCN:	NM_003915
Insert Size:	227 bp
Insert Sequence:	>SC202489 3'UTR clone of NM_003915 The sequence shown below is from the reference sequence of NM_003915. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGGATCCTGCACAGGCCCCAGGCC TAG GTTCCCTTGGAGGCTGTGGCAAGTCCCTCAATCCTGTGTC CCAGAGGTCCTCTGGGCCACAACCCAACCTTCTCACTCCTCAGTGCTAGCACTTTGTATTTTTTG ATACTTTTATACTTGTCTGCTTTTGTGCTCTTGATCCACCTTTGCTCCTGACAACCCCTCATTCAA TAAAGACCAGTGAAGACCAA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_003915.6</u>



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Summary:

Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene encodes a calcium-dependent protein that also contains two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. However, the encoded protein does not contain a predicted signal sequence or transmembrane domains. This protein has a broad tissue distribution and it may function in membrane trafficking. This gene and the gene for RNA binding motif protein 12 overlap at map location 20q11.21. Alternate splicing results in multiple transcript variants encoding different proteins. [provided by RefSeq, Aug 2008]

Locus ID:

8904

MW:

8.2