

Product datasheet for **SC314067**

CPNE4 (AF465771) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPNE4 (AF465771) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPNE4
Synonyms:	COPN4; CPN4
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for AF465771, the custom clone sequence may differ by one or more nucleotides

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ATGGCTGTAGAACCAGCAGCTCAGAATCCATTAAGGAGAGCTGGGAGGAGAATGAAG
AAGATGAGCAACATTTATGAGTCCGCTGCCAACACACTGGGAATCTTTAACAGCCCTGC
CTGACCAAAGTTGAGCTGCGTGTGGCGTCAAAGGCATTTCTGACAGAGATGCCCTTTC
AAACCAGACCCCTGTGTCATCCTCAAGATGCAGTCTCATGGGCAGTGGTTTGAGTTGAC
AGGACTGAGGTGATTCGACCTGCATAAACCAGTGTACTCAAACCTGTTTACTGTGGAC
TTTTACTTTGAGGAGGTGACGCGCTGCGGTTTGAAGTCCATGACATCAGCAGCAACCAC
AATGGGCTGAAGGAGGCCGACTTCTTGGTGGCATGGAGTGCACACTTGGCCAGATTGTT
TCCCAGAGAAAGCTGTCCAATCCTTGCTGAAGCATGGGAACACAGCAGGGAAATCTTCC
ATCACGGTGATTGCTGAAGAATTATCTGGCAATGACGACTATGTTGAGCTTGCAATCAAT
GCACGGAAATTGGATGACAAGGATTTCTTCAGTAAATCTGACCCATTTCTGGAAATTTT
CGTATGAATGATGATGAACTCAGCAGCTGGTGCACCGAACTGAGGTTGTGATGAATAAC
TTAAGCCAGCCTGGAATCATTCAAAGTATCTGTAAATCTCTATGCAGCGGAGACCCA
GACCGCCGGCTAAAGTGCATAGTATGGGACTGGGACTCCAATGGCAAGCATGACTTCATT
GGAGAATTCACCTCGACATTCAAGGAGATGAGAGGAGCAATGGAAGGGAAACAGGTGCAG
TGGGAGTGCATCAATCCCAAGTACAAAGCCAAGAAGAATTACAAGAACTCAGGCACT
GTGATTCTGAATCTGTGCAAGATTCAAGATGCATTCTTTCTTGACTACATCATGGGT
GGCTGCCAAATCCAGTTTACAGTAGCTATAGATTTCACTGCCTCAAACGGGGACCCAGG
AACAGCTGTTCTTGCACTACATCCACCCTTACCAACCAATGAGTATCTGAAAGCTTTG
GTAGCTGTGGGGGAGATTTGCCAAGACTATGACAGTGACAAAATGTTCCCTGCCTTTGGG
TTTGGCGCCAGGATACCTCCAGAGTACACGGTCTCTCATGACTTTGCAATCAACTTAAAT
GAAGACAACCCAGAATGTGCAGGAATTCAAGGAGTTGTGAAGCCTATCAGAGCTGTCTT
CCTAAGCTCCAATCTACGGTCCCACCAACATTGCCCCATCATCCAGAAGGTTGCCAAG
TCAGCGTCAGAGGAACTAACACCAAGGAGGCATCGCAATACTTCATCCTGCTGATCCTG
ACAGATGGTGTTATCACAGACATGGCCGACACCGGGAGGCCATTGTCCATGCCTCCAC
CTCCCCATGTCAGTCATCATCGTGGGAGTAGGGAACGCTGACTTCAGTGACATGCAGATG
CTGGACGGTGATGATGGGATTCTGAGGTCACCAAGGGAGAGCCTGTTCTTCGAGACATC
GTCCAGTTCGTGCCCTTCAGGAACCTCAAACACGCATCTCCAGCTGCCCTGGCAAAGAGC
GTGCTGGCTGAAGTCCCAAACCAAGTTGTGGACTATTACAATGGCAAAGGAATTAACCA
AAATGTTTCATCAGAAATGTATGAATCTTCCAGAACACTAGCACCA

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Restriction Sites:	Please inquire
ACCN:	AF465771
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>AF465771.1</u> , <u>AAL74191.1</u>
RefSeq Size:	2231 bp
RefSeq ORF:	1728 bp
Locus ID:	131034
Cytogenetics:	3q22.1
Domains:	C2, VWA
Protein Families:	Druggable Genome
Gene Summary:	This gene belongs to the highly conserved copine family. It encodes a calcium-dependent, phospholipid-binding protein, which may be involved in membrane trafficking, mitogenesis and development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]