

Product datasheet for **SC125661**

CPNE5 (BC053872) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPNE5 (BC053872) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPNE5
Synonyms:	COPN5; CPN5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for BC053872 edited
 GAAGTAGATAGCAATACTCACCCAGACAGAAGAGACCACGGTAAAGATCAGCTGACGGCC
 TCTGTGGGAACAAAGACAGGGAAAGGGGAAATGAGTTCACCAGAAACCAACAGGCAGCAC
 AGGAGGTGGTAAACCCGAAAAAGAAAATGAAGAAAAAGAAATACGTGAATTCTGGCACAG
 TCACCCGTGCTTTCTTTGCTGTGGAGTCAGAGTGCACCTTCCTTGACTACATCAAAGGAG
 GGACCCAGATCAACTTCACTGTGGCCATTGATTTCACTGCCTCCAATGGGAACCCCTCAC
 AGTCCACATCCCTGCACTACATGAGCCCTACCAGCTGAACGCCTACGCGCTGGCGCTGA
 CTGCCGTGCGAGAGATCATCCAGCACTACGACAGTGACAAGATGTTCCCTGCCCTGGGCT
 TCGGGGCCAAGCTGCCCCGGATGGCAGAGTGTCCACGAGTTCCCACTGAATGGCAACC
 AGGAGAACCCCTCATGCTGCGGCATCGACGGCATCCTGGAGGCCTACCACCGCAGCTGC
 GCACTGTGCAGCTGTACGGCCCCACCAACTTTGCCCCCGTGGTCAACCGTGGCCAGGA
 ATGCAGCGGCCGTGCAGGATGGCTCCAGTACTCGGTGCTGCTCATTAATGATGGGG
 TCATCTCGGACATGGCGCAGACCAAGGAGGCCATTGTCAACGCTGCCAAGCTCCCCATGT
 CCATCATTATCGTCGGCGTGGGCCAGGCAGAGTTCGACGCCATGGTGGAGCTGGATGGCG
 ACGACGTGCGGATCTCTCCCGGGGAAGCTGGCTGAACGCGACATCGTCCAGTTTGTAC
 CCTTCCGGGACTACGTGGACCGCACAGGCAACCACGTGCTGAGCATGGCCCGCTGGCCC
 GAGACGTGCTGGCAGAGATCCCTGACCAACTGGTGTCTACATGAAGGCACAGGGCATT
 GCGCGCTCCCCACCCGACACCAACCCACTCGCCCTCGCAGTCCCCAGCCCGCACGC
 CCCCTGCGTCCCCCTGCACACGCACATCTGAACCTGGTCTCAGCAGGCAGGTGGCTGGG
 GCCTGGGAGAGGCCAGGTGAATGGGAGGCCAGGGCCCCAGACTCCCCGAAGTTGGCTGC
 CCGGCTTTGGGACATCTGTGTGCTGGGAGGCTGCCAGGGGGTGGGGCTTCTGAAGACC
 CCTCTCAATTTCTTGGCTCACTTATTGCCAAACCCAGGGAGTTAGGGGGTACGGGT
 GAAAGAGGGGTACACAGGGACCCAGCCCTTCTCTTCTTCCCAATACCTGGCTTAACCC
 AGCCAGGAAGGTGTAAACAATAAGGGTGATTGGGGTCCCTGTGCGCCACCCCGGCAATC
 CTATTTGCTTACCTGTACCCCTGAAGCCTGGGCTTGGCTCCTCCAGCCCCCATCTCCG
 TCCCATCTCCCATGGTGTCTACTCCTGTCCCTGAGCCCCGCCCTGTGGTCTATCCTGTG
 CCCGATTTCCAGTGAACCCCATGAAGCTGATGGGTTTGAGGAAGGCCTGAACATGTGCA
 CCCTCCAGGGACACTGGATGCGCTGGGAGCCCCGGGGACCCCATGGGGTGTGTAATCA
 TGGACCGTAGGCCATGTGATGGGCTGAAGTGGAGGCTGCTCAGCACAGAGCCCTTCTG
 GTGCTCTCGAACTCAGTACGATGCAAGTTCTAGACACACAGATGGCCTGTGGAGGCCTC
 TCCCTGGTGTGGGCCACAGGTAATTCATGGTTGACTCCTGGCTTCAGGAATCCCTTCC
 TCCTCCAGAGGCTTCCAGGGCCCTCGGTGCCACGCCTCTGCCCATCTGGAGGCCTGA
 GTAAGGAGTGGCTCAGCCCCACGTTCCCACTGCTCCTGCTCTTTGCCCTGTATCCCAT
 GAGGCTAGGAGACAGGAGTCTGGGTTTGAGCCCTGCCTCCCCCACTGCCTAATGTGGG
 AACCCAAGCAAGGCCCTTCTACCTTTTGGGCTCAGTTTCCATGTCTGTACGACAAGAGG
 GTTGACCAGATGGCCCCAGGTTTCTTTAGGTCTGACATCCTGAGGGTCATTATCCCA
 TGCCAGCTCCCCCATCTACTCTAACAGATGTGACCCTACTTGAGGCCGCTTGGCT
 TTTGGGTACCCCTGTCTAACCCATCACCCAAACATACCCTAGTCTTCAGCCTGGGGC
 TCTGGCTTCTGAGCCCGAGCTCCTGCCCTGCTGTGGGAAAGTGGGGAAGAAGGGGATC
 TCCCTCCCGGGCCACCCAGCTGCCAGCCTTTGCCACTCGGGAGCAGATCATGCATG
 CCAATCCCTGTTGCCGATGGAGCTCCTCAGCCCACTGACCTCTCCGTGCTGGTGCAGG
 CCAGGCCCGCTTCCGCTGCTCTGCTTCCCGTCATGCATGGTGGTGGTGTCTA
 CGGTGTCTGGTTCTGTGCCGCTCTGTGAGACAGTCTGTGTGGAATTTGCCTTAACTG
 AAGTAAATTTGGTTCTTTAGTAAAAAAAAAAAAA

Restriction Sites: NotI-NotI
ACCN: BC053872

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:	BC053872.1 , AAH53872.1
RefSeq Size:	2557 bp
Locus ID:	57699
Cytogenetics:	6p21.2
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 encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. More variants may exist, but their full-length natures could not be determined. [provided by RefSeq, Sep 2015]