

Product datasheet for **SC317946**

CPNE9 (NM_153635) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPNE9 (NM_153635) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPNE9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317946 representing NM_153635.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCTCTCGGCGGAGCCTCCGAGCGCAGCGTCCCGGCCACCAAGATTGAAATTACCGTGTCTGCCGG
AACCTGCTAGACCTTGATACCTTCTCCAAGTCCGACCCCATGGTGGTCTTACACGCAGAGCCGGGCC
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AAATTCGTCTCGACTATTTCTTTGAGGAAAAGCAAAATCTGCGCTTCGATGTGTACAACGTGGACTCC
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GGCCAGGGCAGCCGAGTAGAGCGAACCCCTACGGGTGTACCAGGCAAGAAGTGTGGGACCATATTGCTG
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AAGGACTTCTTTGGGAAATCAGACCCCTTCCTTGTGTTCTACAGGAGCAATGAGGATGGCAGTTCACC
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CGGGCTCTGTGCAATGGAGACTATGACAGAACGCTGAAGATTGATGTGTACGACTGGGACCGGGATGGA
AGCCACGATTTTCATTGGTGAGTTCAACACAGCTACCGGGAGCTGAGCAAGGCCCAAGAACAGTTTACA
GTATATGAGGTTCTTAACCTCGGAAGAAATGTAAGAAGAAGAAATATGTCAACTCAGGAAGTGTGACG
CTGCTCTCCTTCTCTGTGGACTCTGAATTCACCTTTTGTGATTACATCAAGGGAGGGACACAGCTGAAC
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CAGAGCCTGCGCACAGTGCAGCTCTATGGGCCACCTACTTTGCTCCTGTCATCAACCAAGTGGCCAGG
GCTGCAGCCAAGATCTCTGATGGCTCCAGTACTATGTTCTGCTCATCACTGATGGGGTCATCTCT
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GTGTTGAGCATGGCCGACTGGCCAAGGATGTGCTGGCCGAGATCCCGGAGCAGCTGCTGTCTATATG
CGCACCAGAGACATCCAGCCTCGCCCCCACCCCTGCCAAGCCAGCCGATCCAGCTCCAGAGCAG
CCCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_153635

Insert Size: 1662 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).

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>NM_153635.2</u>
RefSeq Size:	2066 bp
RefSeq ORF:	1662 bp
Locus ID:	151835
UniProt ID:	<u>Q8IYJ1</u>
Cytogenetics:	3p25.3
MW:	61.9 kDa
Gene Summary:	Probable calcium-dependent phospholipid-binding protein that may play a role in calcium-mediated intracellular processes (By similarity). Plays a role in dendrite formation by melanocytes (PubMed:23999003).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).