

Product datasheet for **RN210726**

Cpne9 (NM_001024982) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne9 (NM_001024982) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpne9
Synonyms:	RGD1309212
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210726 representing NM_001024982
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCTCGGCGGAGCTTCAGAGCGTAGCGTCCCGGCCACCAAGATTGAAATTACTGTGTCGTGCCGGA
 ATCTGCTAGACCTGGATACATTCTCCAAGTCGGACCCCATGGTGGTGCTTACACGCAGAGCCGGGCCAG
 CCAGGAGTGCGGGAGTTTCGGACGAACCGAGGTGATTGACAACACACTGAACCCAGACTTCGTGCGCAAA
 TTCGTTCTCGACTATTTCTTTGAGGAAAAGCAAAATCTCCGCTTCGATGTGTACAACGTCGACTCTAAAG
 CCAATATCTCAAACCGAAGGATTTCTGGGACAAGCATTCTGGCCCTGGGAGAGGTGATTGGAGGCCA
 GGGCAGCCGTGTGGAGCGACCTTTACGGGTGTGCCAGGCAAGAAGTGTGAACCATACTGCTGACTGCC
 GAGGAGCTCAGCAACTGCCGGGACATTGCCACCATGCAGCTGTGTCAAACAAGCTGGACAAAAAGGACT
 TCTTTGGGAAGTCAGACCCTTTCTTGTGTTCTACAGGAGCAATGAAGACGGCACGTTACCATCTGCCA
 CAAGACAGAGGTTGTAAAAACACACTGAACCCAGTATGCGAGCCCTTCAGCATCCCTGTGCGGGCGCTG
 TGCAATGGAGACTATGACAGAACAGTGAAGATCGACGTATATGACTGGGACCGAGATGGAAGCCATGACT
 TCATCGGTGAGTTCACAACCAGTACCGGGAGCTGAGCAAGGCCAGAAATCAGTTCACAGTGTATAGGT
 ACTTAACCCTCGGAAGAAATGCAAGAAGAAGAAATATACCAACTCGGGGACCGTGACGCTCCTTTCTTTC
 TCTGTGGACTCAGAATTCACCTTTGTGGATTACATCAAGGGAGGGACGCAGCTGAAGTTCACGGTAGCTA
 TTGACTTCACGGCTTCCAACGGGAACCCCTGCAGCCTACCTCGTGCAGTACATGAGTCCCTACCAGCT
 CAGTGCCATGCCATGGCCCTCAAGGCAGTGGGAGAGATCATCCAGGACTATGACAGTGACAAGCTCTTC
 CCAGCCTATGGTTTGGGGCCAAGCTGCCCCAGAGGGGCGGATCTCCACCAGTTCCCTTGAACAATA
 ATGATGAAGACCCCAACTGTGCAGGCATTGAGGGTGTGCTGGAGAGTTACTTCCAAAGTCTGCGCACGGT
 GCAGCTCTATGGGCCCACTTACTTTGCGCCTGTATCAACCAGGTGGCCAGGGCTGCAGCCAAAATCTCG
 GATGGTCCCAGTACTACGTTCTGCTCATTATCACTGATGGCGTCATCTGACATGACACAGACAAAAG
 AGGCCATCGTCAGTGCCTCGCTGCCATGTCTATCATTATTGTGGGTGTTGGACCTGCCATGTTTGA
 GGCAATGGAAGAACTGGATGGTGTATGTGCGTGTCTCCCGGGGACGCTATGCAGAGCGGGACATC
 GTTCAGTTTGTCCATTCCGAGATTATGTTGACCGATCAGGGAACAGGTGCTGAGCATGGCAGGACTGG
 CCAAGGATGTGTAGCAGAGATTCCGGAGCAGCTGCTGCTACATGCGCACCAGGGACATCCAGCCTCG
 ACCTCCTCCCCCTGCTAACCCCAACCAACCTCAGCCCCAGAACAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001024982

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).

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_001024982.1, NP_001020153.1</u>
RefSeq Size:	1983 bp
RefSeq ORF:	1662 bp
Locus ID:	297516
UniProt ID:	<u>Q5BJS7</u>
Cytogenetics:	4q42
Gene Summary:	Probable calcium-dependent phospholipid-binding protein that may play a role in calcium-mediated intracellular processes. Plays a role in dendrite formation by melanocytes. [UniProtKB/Swiss-Prot Function]