

Product datasheet for **RN209774**

Cpne8 (NM_001108750) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cpne8 (NM_001108750) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cpne8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN209774 representing NM_001108750
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGGCTCGGACAAAGTGCTCTGCGCCTCCGCTCGAGATGGACAGCCGCTACACCAGCGCCACGGGCA
 TCGGGGACTTGAACCAGCTGAGTGCGGCCATCCCTGCCACACGCGTGGAGGTGTCGGTGTCTGCAGAAA
 TCTTCTTGATAGAGATACATTTTCTAAGTCTGATCCAATTTGTGTCTTATATACACAAGCAGTTGAAAAC
 AAAGAATGGAGAGAGTTTGAAGAACTGAAGTATTGATAATACTTTGAATCCTGATTTTGAAGAAAGT
 TTATTCTGGATTATTTCTTTGAAGAAAGAGAGAATCTTCGTTTGAAGTGTATGATGTTGATTCAAAGAG
 TCCCAACCTGTCCAAACATGACTTTCTGGGACAAAGTGTTCGTACATTGGGGGAGATTGTTGGTTCACAG
 GGAAGTCGTCTGGAAGGCCAATAGTAGGAATCCAGGCAGGAAATGTGGAACAATCATACTAACCAGCGG
 AGGAGCTCAACTGCTGCAGGGATGCCGCTCTGATGCAGTTCTGTGCAACAAATGGATAAGAAGGATTT
 CTTTGGGAAGTCAGATCCTTTCTTGTATTTATCGAAGCAATGAGGACGGAAGCTTTACAATTTGTCAC
 AAGACAGAAGTGGTCAAAAACACTCTCAACCCTGTGTGGCAAGCCTTCAAGATCTCAGTGAGAGCCTTGT
 GCAATGGGGATTATGACAGAACAATCAAAGTGGAGGTCTATGACTGGGACCGAGACGGAAGTCATGATTT
 CATTGGGGAATTTACAACAAGCTATCGGGAACCTCTCAAGAGGACAGTCACAATTCATGTCTATGAGGTG
 GTGAATCCCAAGAAGAAAGGAAAAAAGAAAAAGTACACTAATTCAGGAACAGTAACCTTATTGTCCTTCT
 TGGTAGAAACAGAAGTCTCCTTCTGGACTATATTAAGGAGGGACACAGATCAACTTCACGGTGGCCAT
 TGATTTTACGGCATCAATGGAAACCCTGCCAGCCCACTTCTCTCCACTACATGAACCTTATCAACTG
 AATGCCTATGGAATGGCCCTCAAGGCTGTAGGAGAAATCGTCCAAGATTATGACAGCGACAAGATGTTCC
 CAGCCCTTGGTTTCGGTGCAAAGCTCCCTCCAGATGGAAGGATATCTCACGAGTTTGCCTTGAATGGCAA
 CCCTCAGAATCCTTACTGTGACGGCATTGAAGGAGTCATGGAAGCTTACTATAGAAGTCTGAAATCTGTG
 CAGTTGTACGGGCCAACCAACTTTGCTCCCGTAATAAACACAGTAGCAAGATATGCATCCTCTGTAAAAG
 ATGGCTCCCACTACTTTGTGCTCCTCATTGTGACGGACGGCGTCATCTCAGATATGGCTCAGACTAAAGA
 ATCCATAGTAAACGCCTCAAGCTCCCATGTCAATAATTATAGTAGGTGTTGGCCCTGCAGAATTTGAT
 GCAATGGTTGAACTGGATGGGGATGATGTGAGAGTTTCTCCAGAGGGAATATGCCGAAAGAGACATTG
 TACAGTTTGTGCCATTACGGGATTATATTGACCGAAGTGGAAACCATCCTGAGCATGGCTAGACTGGC
 CAAAGATGTCTTAGCTGAGATCCCTGAGCAGTTCTCTCTACATGAGAGCCAGAGGAATTAAGCCATCG
 CCCGCACCTCCGCCCTACACCCCTCCACACACGTGCTGCAGACGCAGAT**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_001108750

Insert Size: 1734 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: NM_001108750.1, NP_001102220.1

RefSeq Size: 3380 bp

RefSeq ORF: 1734 bp

Locus ID: 362988

Cytogenetics: 7q35