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Product datasheet for MC219190

Cpne8 (NM_025815) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Cpne8
Synonyms:	1200003E11Rik; 1500031E20Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>MC219190 representing NM_025815
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGGGCTCGGGACAAGTGCTCCGTTCCTCAGCTCGAGATGGACAGCCGCTACACCAGCGCCACGGGCA
TCGGGGACTTGAACCAGCTGAGTGCGGCCATCCCCGCCACACGAGTGGAGGTGTCAGTGTCCTGCAGAAA
TCTCCTTGATAGAGATACATTTTCTAAGTCGGATCCAATTTGTGTCCTATATACACAAGCAGTTGGGAAT
AAAGAATGGAGAGAGTTTGGAAGAACTGAAGTGATCGATAATACTTTGAATCCTGATTTTGTAAGAAAGT
TTATCCTGGATTATTTCTTTGAAGAAAGAGAGAATCTTCGTTTTGACTTATATGATGTTGATTCTAAGAG
TCCCAACTTGTCCAAACATGACTTTCTGGGACAAGTGTTTTGTACATTGGGGGAGATTGTTGGTTCACAG
GGAAGTCGCCTGGAAAAGCCAATAGTAGGAATTCCAGGCAGGAAATGTGGGACAATCATACTGACGGCAG
AGGAGCTAAACTGCTGCAGGGATGCTGTCTTGATGCAGTTCTGTGCAAACAAATTGGATAAGAAGGATTT
CTTTGGGAAGTCAGATCCTTTCCTGGTATTTTATCGAAGCAATGAGGATGGAAGCTTTACAATTTGCCAC
AAGACAGAAGTGGTCAAAAACACTCTAAATCCTGTGTGGCAAGCGTTCAAGATCTCAGTGCGAGCATTGT
GCAATGGGGACTATGACAGAACAATCAAGGTAGAAGTGTACGACTGGGACCGAGACGGGAGTCATGATTT
CATTGGAGAATTCACAACAAGCTATCGGGAGCTCGCAAGAGGGCAGTCACAATTCAACGTCTATGAGGTG
GTGAATCCCAAAAAGAAAGGAAAAAAGAAAAAATACACCAATTCAGGAACAGTAACCTTATTGTCCTTCT
TGGTGGAAACAGAAGTCTCCTTCCTGGACTATATTAAAGGAGGAACGCAGATCAACTTCACGGTGGCCAT
TGATTTTACAGCATCAAATGGAAACCCTGCCCAGCCAACTTCTCTCCACTATATGAACCCTTACCAACTG
AATGCCTATGGAATGGCACTGAAGGCTGTAGGAGAAATCGTTCAAGATTATGACAGTGATAAGATGTTCC
CAGCCCTGGGTTTTGGTGCAAAGCTGCCTCCAGATGGAAGGATATCTCACGAGTTTGCCCTGAATGGCAA
CCCTCAGAATCCTTACTGTGATGGCATTGAAGGTGTCATGGAAGCTTACTATAGAAGTCTGAAGTCTGTC
CAGTTGTATGGGCCAACCAACTTTGCTCCCGTAATAAACCACGTAGCAAGATACGCATCCTCTGTAAAAG
ATGGCTCCCAGTACTTTGTGCTTCTCATTGTGACGGACGGCGTCATCTCAGATATGGCTCAAACTAAAGA
ATCCATAGTTAATGCCTCAAAGCTTCCCATGTCAATAATAATAGTAGGTGTGGGACCTGCAGAATTTGAT
GCAATGGTTGAATTGGATGGAGATGATGTAAGAGTTTCCTCCAGAGGGAAATATGCTGAAAGAGATATTG
TACAGTTTGTGCCGTTCAGGGATTATATTGACAGAAGTGGAAACCACATACTCAGCATGGCGAGACTGGC
CAAAGATGTCTTAGCTGAGATCCCAGAGCAGTTCCTTTCCTACATGAGAGCCAGAGGAATCAAGCCATCA
CCGGCGCCCCCGCCGTACACCCCTCCTACACACGTGCTGCAGACGCAAATATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_025815

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_025815.2, NP_080091.1
RefSeq Size:	3324 bp
RefSeq ORF:	1734 bp
Locus ID:	66871
UniProt ID:	Q9DC53
Cytogenetics:	15 E3
Gene Summary:	This gene encodes a member of the copine family of highly conserved, calcium-dependent phospholipid binding proteins. The encoded protein has two characteristic C2 domains and a VWFA domain and may play a role in membrane trafficking. A related pseudogene is found on chromosome 8. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).