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Product datasheet for MC218917

C9 (NM_013485) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C9 (NM_013485) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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>MC218917 representing NM_013485
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTTTGCAAGCCTCCAGGGCTCCCCAGGAGGAGCAGCATGGCCTCAGGCATGGCCATCACCTTAGCCC
TTGCCATCTTTGCCTTGGGTGTCAATGCACAGATGCCAATACCCGTTTCCAGAGAAGAACAAGAACAACA
CTATCCCATACCGATAGACTGCAGAATGAGCCCATGGAGCAATTGGTCAGAGTGTGATCCTTGCCTCAAA
CAAAGGTTTCGCTCAAGAAGCATTTTAGCCTTCGGACAGTTTAATGGGAAAAGCTGTGTTGATGTTTTGG
GAGACAGACAAGGCTGTGAACCCACCCAGGAGTGTGAAGAGATACAGGAAAACTGTGGAAATGACTTTCA
GTGTGAGACAGGCAGGTGCATAAAGAGGAGACTTCTGTGTAATGGTGACAACGACTGTGGAGATTATTCT
GATGAGAATGACTGTGACGATGACCCACGCACCCCATGCCGTGACCGAGTAGCGGAAGAATCAGAGCTGG
GACTAACAGCAGGCTATGGGATCAACATCTTAGGGATGGAGCCCCTGAGAACACCTTTTGACAATGAGTT
CTACAACGGACTCTGTGACCGGGTACGAGACGAAAAGACATACTATCGCAAACCTTGGAATGTAGTTTCT
CTGATCTATGAAACCAAGGCTGATAAAAGTTTCAGAACTGAGAACTATGACGAACACTTGGAAGTATTCA
AAGCCATCAACCGAGAGAAGACCTCGAATTTTAATGCAGATTTTGCCCTAAAATTTTCAGCCACCGAAGT
ACCTGAAAAGGGAGCTGGGGAAGTCTCCCCAGCAGAACACTCTTCAAAACCTACAAACATTTCAGCTAAA
TTTAAATTTTCATATTTCATGGGAAAAAATTTTCGAAGACTATCATCTTATTTTTCGCAGTCGAAAAAGA
TGTTTGTGCACTTGAGAGGAGTGGTCCAACTGGGGAGATTTGTAATGAGGAATCGGGATGTTGTGCTGAG
GTCAACTTTCCTGGATGATGTAAAAGCTCTACCAACTTCCTATGAAAAGGGAGAATATTTTGGATTTTTG
GAAACCTATGGGACTCACTACAGTACCTCTGGGTCCCTGGGAGGACAATATGAAATTGTCTATGTCTTGG
ATAAAGCTTCCATGAAAGAGAAAGGTGTTGACCTGAATGATGTAAAACATTGTCTTGGATTTAATATGGA
TTTACGTATTCCTCTACAAGACGACTTAAAGGATGCATCAGTCACAGCAAGTGTTAATGCGGATGGTTGC
ATAAAGACAGATAATGGGAAAACTGTAAACATCACCCGCGATAACATCATAGATGATGTCATTTCATTCA
TAAGAGGAGGGACTAGGGAGCAAGCAATTCTCCTGAAAGAGAAGATTCTCAGAGGAGACAAGACATTTGA
TAAGACTGACTTCGCCAACTGGGCCTCGTCCCTGGCAAACGCTCCAGCTCTCATCAGTCAAAGAATGTCC
CCTATATATAATCTCATTCCTTTGAAAATAAAAGATGCATACATAAAGAAGCAAAATTTGGAAAAGGCTG
TTGAAGACTATATAGATGAATTCAGTACTAAAAGGTGCTACCCATGTCTAAATGGAGGTACTATAATTCT
TCTGGATGGGCAGTGCCTGTGCTCCTGCCCAATGATGTTTAGGGGAATGGCCTGCGAAATCCATCAAAAA
ATATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

ACCN: NM_013485

Insert Size: 1686 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).

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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_013485.1, NP_038513.1
RefSeq Size:	1767 bp
RefSeq ORF:	1686 bp
Locus ID:	12279
UniProt ID:	P06683
Cytogenetics:	15 A1
Gene Summary:	Constituent of the membrane attack complex (MAC) that plays a key role in the innate and adaptive immune response by forming pores in the plasma membrane of target cells. C9 is the pore-forming subunit of the MAC.[UniProtKB/Swiss-Prot Function]

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