

Product datasheet for **MC219442**

Cercam (NM_207298) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cercam (NM_207298) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cercam
Synonyms:	2600006K01Rik; AL024097; Ceecam1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219442 representing NM_207298
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCACGTTGCGCGGCTCTACCTCTGCTGCTCCTGTTGGGGCAGCAGCTCCGGGCTGCCAGTGTACAG
 AGCCGACGCTACCCACCGTGGTCTTGCCATCCTGGCCCGCAATGCTGAACACTCTCTGCCCCACTACCT
 GGGTGCCTGGAGCGCCTGGACTACCCCGGGCCAGGCTGGCCCTCTGGTGTGCCACAGATCACAACATG
 GACAACACCACAGGGATGCTCCGGAATGGCTGGCTGCTGTGGGTCGGGACTATGCGACTGTCGTCTGGA
 AGCCTGAGGAGGAGGCCAGGTCTACCCAGATGAACAGGGTCCCAAGCACTGGACCAAAGAACGGCATCA
 GTTTTGTGAGCTGAGGCAGGAAGCACTGGCCTTTGCCAGGGACTGGGAGCTGACTACATCTGTTC
 GCAGATACAGACAACATTCTTAACAACAGACACTGAAGCTTCTCATAGATCGGCAGCTGCCGGTGG
 TGGCCCCGATGTGGACTCTCAGACCTATTATTCCAACCTTTGGTGTGGGATCACTCCACAGGGCTACTA
 TCGCCGACGGCTGAATACTTCCCTACTAAGAACCAGCCAGCGCCAGGGCTGCTTCGGGTCCTATGGTC
 CACTCTACCTTCCTGCTGCTCCTTGACAGCTGAGGAAACAGCCCGGCTTGCCTTCTACCCTCCTATCCCA
 ACTACAGTTGGCCTTTTGTGACATCATTGTCTTTCCTATGCCTGCCAGGCTGTGGGGTCTCGATGCA
 TGTGTGAATGACCATCGTTACGGGTACATGAATGTGGTAGTGAAGCCCCACAGAGCCTGGAGGAAGAG
 AAGACGAACCTTTATCCACCTCATTTTGAAGCACTAGTGGATGGCCCCCATGCTGGCCTCAGCTCATG
 TATCTCGGCCCCCAAAGAAGCTCAGCAAAATGGGGTTTGTGAAGCTTTGTGTCAGCCTGGCCCGCAG
 ACCCCAGCGCCGGGCTCGAATGCTGAGCTCTCTCTGGGAGATGGAGATATCTGCCAGGTGGTAGATGCT
 GTAGATGGCAGGACACTCAACAGCAGTATCCTCAAACATCTCGGTGTGGACCTGCTCCCTGGCTACCAAG
 ACCCTATTCAAGCCACACACTGACCAAGGGTGAGGTGGGCTGCTTCTCAGCCACTACTCCATCTGGGA
 AGAGGTGGTTGCCAGGGGCTGGCCCGGGTCTGTGGTGTGGAGGATGACGTACGCTTCAAGGACAACCTT
 CGGAGGCGGCTAGAACGGCTGATGGAGGACGTGCTGATTGAGAAGCTGTGATGGGACTTGATCTACCTTG
 GCCGGAAGCAGGTGAACCCTGAGGAGGAAGTGGCTGTGGAGGGGCTGCCTGGTCTCGTGGTGGCCGGTA
 TTCCTACTGGACACTTGGGTACACCTTGAGCCTGGCAGGCGCTCGAACTGTTAGCATCCAGCCCTG
 CATCGCATGCTACCTGTGGATGAATTCCTGCTGTCATGTTTGTGCGCCACCCAAATGACCAGTACAAAG
 CATACTTCTGGCCTCGGGACCTCCAAGCCTTCTCAGCTAGGCCTCTGCTTGCCTCCCCACCCACTATTC
 GGGAGACGCCGAGTGGCTCAGTGACACAGAGACATCTCCCTGGGACGATGACAGTGGTGCCTCATT
 AGCCAGACTGGCTCTCAAAGGCCCTTCTGTGGCCCCACCTGCACCTGACTGGCAGCAGTGGACACAGCC
 TCCATCCTCACCACAGGGATGAAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_207298

Insert Size: 1779 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:	<u>NM_207298.2, NP_997181.1</u>
RefSeq Size:	2715 bp
RefSeq ORF:	1779 bp
Locus ID:	99151
UniProt ID:	<u>A3KGW5</u>
Cytogenetics:	2 20.76 cM
Gene Summary:	Probable cell adhesion protein involved in leukocyte transmigration across the blood-brain barrier. Does not express any beta-galactosyltransferase activity in vitro.[UniProtKB/Swiss-Prot Function]