

Product datasheet for **RN205528**

Cercam (NM_001011962) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cercam (NM_001011962) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cercam
Synonyms:	Ceecam1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205528 representing NM_001011962
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCTCCAGGAATGGCTGGCTGCCGTGGGCCGGGACTATGCGACTGTGGTCTGGAAGTCTGAGGATGAGG
 CCAGGTCTATCCAGATGAGCAGGGGCCCAAGCACTGGACCAGAGAAAGGCATCAGTTTTTGATGGAGCT
 GAAACAGGAAGCACTGGCTTTTGCCAGGACTGGGGGGCTGACTACATCCTGTTCCGACACACAGACAAC
 ATTCTTACCAATAACCAAACTGAGGCTTCTCATAGATCGGCAATTGCCAGTGGTGGCCCCAATGCTGG
 ACTCCCAGACCTATTATCCAACTTTGGTGTGGGATCACTCCACAGGGCTACTATCGCCGTACAGCTGA
 ATACTTCCTACTAAGAACCAGCCAGCCAGGGCTGCTCCGGGTTCCAATGGTCCACTCCACCTTCCTG
 GTATCCTTGCAGACGGAGGAAACAGCCGACTTGCCTTCTACCCACCTCATCCAACTATACTTGGCCTT
 TTGATGACATCATTGTCTTCGCTATGCCTGCCAGGCTGCTGGGGTCTCAGTGCAGTGTGCAACGACCA
 TCGTTACGGATACATGAATGTAGCGTGAAACCCACCAGGGGCTGGAGGAAGAGAAGACCAACTTTATC
 CACCTGATTTTGAAGCACTAGTGGACGGGCCCCCATGATGGCCTCAGCTCATGTATCTCGGCCCCCAA
 AGAAGCCAGCAAAATGGGGTTTGATGAAGTCTTTGTATCAGCCTGGCCCGCAGACCCAGCGCCGGGC
 TCGAATGCTGAGCTCTCTCTGGGAGATGGAGATCTCTGCCCGGTGGTAGATGCTGTGGATGGCAGGACA
 CTCAACAGCAGTATCCTCAAGCACCTTGGTGTGGACCTGCTCCCTGGCTACCAGGACCCCTACTCAGGCC
 GCACCTGACCAAGGGTGAGGTGGGCTGCTTCTCAGCCACTACTCCATCTGGGAAGAGGTGGTTGCCAA
 GGGCCTGGCCCGGTGGTGGTGTTCGAGGATGATGTGCGCTTTGAGGACAACCTCCGGAAGCGTCTGGAA
 CGGCTGATGGAGGATGTGCTGACTCAGAAGCTGTATGGGACTTGATCTACCTTGGCCGGAAGCAGGTGA
 ACCCTGAGGAGGAGGTGGCTGTGGAGGGGCTGCCTGGTCTCGTGGTGGCCGGGTACTCTTACTGGACACT
 CGCATACACCTTAAGCCTGGCGGGCGCTCGCAAACTGTTGGCCTCTCAGCCTCTGCACAGAATGCTACCA
 GTGGATGAGTTCTGCCTGTCTGTTGATCGTCACCCAAATGACCAGTACAAAGCACACTTCTGCCTC
 GGGATCTCCAAGCCTTCTCAGCCAGGCCTCTGCTTGTCTCCACCCACTATGCGGGAGACACCGAGTG
 GCTCAGTGACACGGAGACATCTCCCTTGGGATGACGACAGTGGCCGCCTATTAGCTGGACTGGCTCT
 CAAAAGACCTTCGTGGCCCTACCTGCACCTGGCTGGCAGCAGTGGACATAGCCTCCACCTCACCTA
 GGGATGAAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001011962

Insert Size: 1554 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_001011962.1, NP_001011962.1</u>
RefSeq Size:	2750 bp
RefSeq ORF:	1554 bp
Locus ID:	296616
UniProt ID:	<u>Q5U309</u>
Cytogenetics:	3p12
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]