

Product datasheet for **SC105505**

CEECAM1 (CERCAM) (BD131097) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEECAM1 (CERCAM) (BD131097) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEECAM1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for BD131097, the custom clone sequence may differ by one or more nucleotides

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GAGCTCCGGGGCCGCTGCAGCCGCCAAGCGCCGCCATGCGCGCTGCCCGCGCCGCGCGCTGCTCCA
GCTGCTGCTCCTGCTGGGGCCGTGGCTGGAGGCTGCGGGCGTTGCGGAGTCGCCGCTGCCCGCCGTGGTC
CTTGCCATCCTGGCCCGCAATGCCGAACACTCGCTGCCCACTACCTGGGCGCTCTGGAGCGGCTGGACT
ACCCCCGGGCCAGGATGGNCCTCTGGTGTGCCACGGACCACAATGTGGACAACACCACAGAGATGCTGCA
GGAGTGGCTGGCGGTGTGGGCGATGACTATGCTGCTGGTCTGGAGGCTGAGGGCGAGCCAGGTTT
TACCCAGATGAAGAGGGTCCCAAGCACTGGACCAAGAAAGGACCAAGTTTCTGATGGAGCTGAAGCAGG
AAGCCCTCACCTTGGCAGGAACTGGGGGGCCGACTATATCCTGTTTGCAGACACAGACAACATTCTGAC
CAACAATCAGACTCTGCGGCTTCTCATGGGCGAGGGGCTTCCAGTGGTGGCCCAATGCTGGACTCCAG
ACCTACTACTCCAATTCTGGTGTGGGATCACCCCCAGGGCTACTACCGCCGACAGCCGAGTACTTCC
CCACCAAGAACCAGCCAGCGCCGGGGCTGCTTCCGTGTCCCATGGTCCACTCCACCTTCTGTCATCCCT
GCGGGTGTAAGGGGCGAGACAGCTTGTCTTCTACCGCCACATCCCAACTACACTTGGCCTTTCGACGAC
ATCATCGTCTTCGCCTATGCCTGCCAGGCTGCTGGGGTCTCCGTCCACGTGTGAATGAGACCGTTATG
GGTACATGAATGTGCCGGTGAATCCCACCAGGGGCTGGAAGACGAGAGGGTCAACTTATCCACCTGAT
CTTAGAAGCACTAGTGGACGGCCCCCGCATGCAGGCCTCAGCTCATGTGACTCGGCCCTCTAAGAGGGCC
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ACCAAGGGCGAGGTGGGCTGCTTCTCAGCCATTACTCCATCTGGGAAGAGGTGGTTGCCAGGGGCTGG
CCCGGGTCTGTGTTTGGAGATGACGTGCGCTTGGAGCAACTTCAGGGGGCGGCTGGAGCGGCTGAT
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GTTCTGCCCATCATGTTTCGACCAGCACCCCAACGAGCAGTACAAGGCACACTTCTGGCCACGGGACCTG
GTGGCCTTCTCGCCAGCCCTGCTCGCTGCCCTACCCACTATGCCGGGGACGCCGAGTGGCTCAGTG
ACACGGAGACATCCTCTCCATGGGATGATGACAGCGGCCGCTCATCAGCTGGAGCGGCTCCAAAAGAC
CCTGCGCANCCCCGCTGGACCTGACTGGCAGCAGCGGGCACAGCTCAACCCAGCCCCGAGATGAGCT
CTAGGTCCAGGTGATGACTGCAAAGCAKGTCCAGGAGCAGGCCACTACTGCCAGAGAGCAGAGGAGGA
GGTTGTTGGCAGGACTNCAGATCCTGTGACACCTGGCCACCACCTTGGGCATGGCCACTCTGCCCTCTG
GACCTGTCTTTCATCGGGAGAAACCACTCAGAGATGGATCCCATTCCTAAAGGTCTCACAGCAAAGGAG
CAGGACTCCCAGGCCCTGTACCTGCCTGGCCTGATTGAGGGCCTTGTGGCCCCAGCTTCTGTTTCAA
GCTGGGCAGACCCAGGATCCCTTCCCTCCCTAAGGACTCAGCTGAGGGGCCCTCTGCCCTTCTACC
TCCACCTCAGCACCTCCCCAGCTTGTGTTTGGGTCTCCCGCAGCACCTCCTCCCTGGCCGGTGCAAA
GTACAGGGAGGTAAAGCAGGACCCTTGACAGACMTGTTGCCAGCACACAGTAGGCCCTCAATAAAGCCA
TTTGCACCTTAAATATAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for BD131097 unedited
 NTGTCAACAATTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCTGCAGCC
 GCCCAAGCGCCCGCCATGCGCGCTGCCCGCGCCGCGCTGCTCCAGCTGCTGCTCCTG
 CTGGGGCCGTGGCTGGAGGCTGCGGGCGTTGCGGAGTCGCGCGTCCCGCCGTGGTCCTT
 GCCATCCTGGCCCGCAATGCCGAACACTCGCTGCCCCACTACCTGGGCGCTCTGGAGCGG
 CTGGACTACCCCGGGCCAGGATGGCCCTCTGGTGTGCCACGGACCACAATGTGGACAAC
 ACCACAGAGATGCTGCAGGAGTGGCTGGCGGCTGTGGCGGATGACTATGCTGCTGTGGTC
 TGGAGGCCTGAGGGCGAGCCAGGTTCTACCCAGATGAAGAGGGTCCCAAGCACTGGACC
 AAAGAAAGGCACCAAGTTTCTGATGGAGCTGAAGCAGGAAGCCCTCACCTTTGCCAGGAAC
 TGGGGGGCCGACTATATCCTGTTTGAGACACAGACAACATTCTGACCAACAATCAGACT
 CTGCGGCTTCTCATGGGGCAGGGGCTTCCAGTGGTGGCCCAATGCTGGACTCCCAGACC
 TACTACTCCAACCTCTGGTGTGGGATCACCCCGAGGGCTACTACCGCCGCACAGCCGAG
 TACTTCCCCACCAAGAACCAGCCAGCGCCGGGGCTGCTCCGTGTCCCATGGTCCACTCC
 ACCTTCCTTGCATCCCTGCGGGCTGANAGGGCAGACCAGCTTGTCTTACCCGCCACAT
 CCCAACTACACTTGGGCCTTTGACGACATCATCGTCTTCGCCTATGCCTGCCANGCTGC
 TGGGGTCTCCGTCCAGCTGTGAATGAGCACCGTTATGGGTACATGAATGTGCCNNGTGA
 AAATCCACCACNNGGCTGAAGACGAGAGGTCAACTCCATNCACTGATCTTAAAGCACTA
 C

3' Read Nucleotide Sequence:

>OriGene 3' read for BD131097 unedited
 NACGTNACACTATGACCGCGCCGCAATCTANGATCGGTTTTTTTTTTTTTTTTTTTACA
 TATATATATATATATATATATATACATATATATACATATATATATATTTAAAGTGC
 AAATGGCTTTTATTGAGGCCTACTGTGTGCTGGGCAACATGTCTACAAGGGTCCGTGCTT
 TACCTCCCTGTACTTTGCACCGCCAGGGAGGAGGGTGTGGGGAGACCCAAACATCAAG
 CTGGGGGAGGGTGTGAGGTGGAGGTAGAAGGGGGCAGAGGGGCCCTCAGCTGAGTCCT
 TAGGGAGGGAAGGGATCCTGGGGTCTGCCAGCTTGAAACAGAAGCTGGGGGCCACAAGG
 CCCTGAATCATGCCAGGCAGGGTACAGGGGCTGGGAGTCTGCTCCTTTGCTGTGAGAC
 CTTTAGGGAATGGGATCCATCTCTGAGTGGTTTCTCCCGATGAAAGACAGGTCCAGAGGG
 CAGAGTGGCCATGCCAAGGTGGTGGCCAGGTCTGACAGGATCTGCAGTCCCTGCCAACA
 ACCTCCTCCTGTGCTCTCTGGGCAGTAGTGGCCTGCTCCTGGACACTGCTTTCAGTCACT
 CACCTGGACCTAGAGCTCATCTCGGGGCTGGGGTTGGAGGCTGTGCCCGCTGCTGCCAGT
 CAAGTCCAGGCGGGGCTGCGCAAGGTCTTTTGGGACCCGCTTCACTGATGAAGCCGCC
 GCTGTCTCATCCATGGAGAGGATGTCTCCGTGTCACTGAGCCATTCGGCGTCCCCGGC
 TATTGGGTAAGGGCATCCATCCAGGGCCTGGGCGGAGAAAGCCACCCAGTCCCCGTGCCA
 GGATTGTGCCCTT

Restriction Sites:

NotI-NotI

ACCN:

BD131097

Insert Size:

2450 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>BD131097.1</u>
RefSeq Size:	2353 bp
RefSeq ORF:	2353 bp
Locus ID:	51148
Cytogenetics:	9q34.11
Domains:	Glyco_transf_25
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]