

Product datasheet for **SC327937**

CEECAM1 (CERCAM) (NM_016174) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEECAM1 (CERCAM) (NM_016174) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEECAM1
Synonyms:	CEECAM1; GLT25D3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC327937 representing NM_016174.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCGCTGCCCGCGCCGCGCGCTGCTCCAGCTGCTGCTCCTGCTGGGGCCGTGGCTGGAGGCTGCG
GGCGTTGCGGAGTCGCCGCTGCCCGCGTGGTCCCTGCCATCCTGGCCCGCAATGCCGAACACTCGCTG
CCCCACTACCTGGGCGCTCTGGAGCGGCTGGACTACCCCGGGCCAGGATGGCCCTCTGGTGTGCCACG
GACCACATGTGGACAACACCACAGAGATGCTGCAGGAGTGGCTGGCGGCTGTGGCGATGACTATGCT
GCTGTGGTCTGGAGGCTGAGGGCGAGCCAGGTTCTACCCAGATGAAGAGGGTCCCAAGCACTGGACC
AAAGAAAGGCACCAAGTTTCTGATGGAGCTGAAGCAGGAAGCCCTCACCTTTGCCAGGAAGTGGGGGCC
GACTATATCCTGTTTGCAGACACAGACAACATTCTGACCAACAATCAGACTCTGCGGCTTCTCATGGGG
CAGGGGCTTCCAGTGGTGGCCCCAATGTGGACTCCCAGACCTACTCTCAACTTCTGGTGTGGGATC
ACCCCGCAGGGCTACTACCGCCGACAGCCGAGTACTTCCCCACCAAGAACCAGCCAGCGCGGGGCTGC
TTCCGTGTCCCCATGGTCCACTCCACTTCTTGCATCCCTGCGGGCTGAAGGGGAGACCAAGCTTGTCT
TTCTACCCGCCACATCCCAACTACACTTGGCCTTTCGACGACATCATCGTCTTCGCTATGCCTGCCAG
GCTGCTGGGGTCTCCGTCCACGTGTGCAATGAGCACCGTTATGGGTACATGAATGTGCCGGTGAAATCC
CACCAGGGGCTGGAAGACGAGAGGGTCACTTCCACCTGATCTTAGAAGCACTAGTGGACGCGCCCC
CGCATGCAGGCCCTCAGCTCATGTGACTCGGCCCTTAAGAGGCCAGCAAGATAGGGTTTGACGAGGTC
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GCCCCGAAGCTGCTGGCCTCACAGCCTCTGCGCCGATGCTGCCCGTGGACGAGTTCTGCCCATCATG
TTCGACCAGCACCCCAACGAGCAGTACAAGGCACACTTCTGGCCACGGGACCTGGTGGCCTTCTCCGCC
CAGCCCCGCTGCTGCTGCCCTACCACTATGCCGGGACGCCGAGTGGCTCAGTGACACGGAGACATCC
TCTCCATGGGATGATGACAGCGGCCGCTCATCAGCTGGAGCGGCTCCAAAAGACCCTGCGCAGCCCC
CGCTGGACCTGACTGGCAGCAGCGGGCACAGCCTCAACCCAGCCCCGAGATGAGCTAG
ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_016174

Insert Size: 1788 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_016174.4</u>
RefSeq Size:	2714 bp
RefSeq ORF:	1788 bp
Locus ID:	51148
UniProt ID:	<u>Q5T4B2</u>
Cytogenetics:	9q34.11
Domains:	Glyco_transf_25
MW:	67.6 kDa
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] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (a).