

Product datasheet for **SC303075**

CEACAM4 (NM_001817) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CEACAM4 (NM_001817) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEACAM4
Synonyms:	CGM7; CGM7_HUMAN; NCA
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001817 edited

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ATGGGCCCCCTCAGCCGCTCCCCGTGGAGGGCACAGGCCCTGGCAGGGGCTCCTGATC
ACAGCCTCACTTTTAACCTTCTGGCAGCCGCCACCACTGTCCAGTTCACTATTGAAGCC
CTGCCGTCCAGTGTGCAGAGGGAAAGGATGTTCTTCTACTGGCCTGCAATATTTTCAGAA
ACTATTCAAGCCTATTATTGGCACAAGGGGAAAACGGCAGAAGGGAGCCCTCTCATTGCT
GGTTATATAACAGACATTCAAGCAAATATCCCAGGGGCCGCATACAGTGGTCGAGAGACA
GTATACCCCAATGGATCCCTGCTGTTCCAAAACATCACCTGGAGGACGCAGGATCCTAC
ACCCTACGAACCATAAATGCCAGTTACGACTCTGACCAAGCAACTGGCCAGCTCCACGTA
CACCAAAACAACGTCCCAGGCCTTCCTGTGGGGGCCGTCGCTGGCATCGTGAAGGGGTC
CTGGTTGGGTGGCTCTGGTGGCCGCCCTGGTGTGTTTTCTGCTTCTCTCCAGGACTGGA
AGGGCCAGCATCCAGCGTGACCTCAGGGAGCAGCCGCCCCAGCCTCCACCCCTGGCCAT
GGTCCCTCTCACAGATCCACCTTCTCGGCCCTCTACCCAGCCCCAGAACAGCCACTCCC
ATCTATGAGGAATTGCTATACTCTGATGCAAACATTTACTGCCAGATCGACCACAAAGCA
GATGTGCTCTCTTAG
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001817 unedited GAAGATTATGTATACGACTCCTATAGGGCGGCCGGAATTCATGGGCCCCCCTCAGCCG CTCCCCGTGGAGGGCACAGGCCCTGGCAGGGGCTCCTGATCACAGCCTCACTTTTAACCT TCTGGCACCCGCCCACTGTCCAGTTCACTATTGAAGCCCTGCCGTCCAGTGTGCAG AGGGAAAGGATGTTCTTCTACTGGCCTGCAATATTTAGAACTATTCAAGCCTATTATT GGCACAAGGGGAAAACGGCAGAAAGGAGCCCTCTCATTGCTGGTTATATAACAGACATTC AAGCAAATATCCAGGGGCCGCATACAGTGGTCGAGAGACAGTATACCCCAATGGATCCC TGCTGTTCCAAAACATCACCTGGAGGACGACAGGATCCTACACCTACGAACCATAAATG CCAGTTACGACTCTGACCAAGCAACTGGCCAGCTCCACGTACACCAAAACAACGTCACG GCCTTCCTGTGGGGGCCGTGCTGGCATCGTACTGGGGTCTGGTTGGGGTGGCTCTGG TGGCCGCCCTGGTGTGTTTTCTGCTTCTCTCCAGGACTGGAAGGGCCAGCATCCAGCGTG ACCTCAGGAGACGCCGCCCCAGCCTCCACCCCTGGCCATGGTCCCTCTCACAGATCCA CCTTCTCGGCCCTCTACCCAGCCCCAGACAGCCACTCCCATCTATGAGGAATTGCTATA CTCTGATGCAAACTTTACTGCCAGATCGACCACAAAGCAGATGTGGTCTCTTAGCTCGA CTCTAGATTGCGGCCGCGTCATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGA CCCCCTCCCAGTGCCTCTCCTGCCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTT GTCCTAATTA
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_001817 unedited TTGGCAGATGCACCTCAAGGCCGAGAGGCACTTGGGGAGAGGTCACAGGGATGCCACC CGGGATCTGTTCCAGAAACAGCTATGACCGCGGCCGAATCTAGAGTCGAGCTAAGAGAC CACATCTGCTTTGTGGTCGATCTGGCAGTAAATGTTTGATCAGAGTATAGCAATTCCTC ATAGATGGGAGTGGCTGTTCTGGGGCTGGGTAGAGGGGCCGAGAAGGTGGATCTGTGAGA GGGACCATGGCCAGGGGTGGAGGCTGGGGCGGCTGCTCCCTGAGGTCACGCTGGATGCT GGCCCTTCCAGTCTGGAGAGAAGCAGAAAACACACCAGGGCGGCCACCAGAGCCACCCC AACCAGGACCCAGTCACGATGCCAGCGACGGCCCCACAGGAAGGCCTGGGACGTTGTT TTGGTGTACGTGGAGCTGGCCAGTTGCTTGGTCAGAGTCGTAACCTGGCATTATGGTTTCG TAGGGTGTAGGATCCTGCGTCTCCAGGGTGATGTTTTGGAACAGCAGGGATCCATTGGG GTATACTGTCTCTCGACCACTGTATGCGGCCCTGGGATATTTGCTTGAATGTCTGTTAT ATAACCAGCAATGAGAGGGCTCCCTTCTGCCGTTTTCCCTTGTGCCAATAATAGGCTTG AATAGTTTCTGAAATATTGCAGGCCAGTAGAAGAATCCTTTCCCTCTGCAGCACTGGA CGGCAGGGCTTCAATAGTGAACCTGGACAGTGGTGGCGGGTGCCAGATGTTAAAAGTGAG CTGTGATCAGGAGCCCTGCCAGGCCTGTGCCCTCCACGGGAGCGGCTGAGGGGGGCC CATGATTGCGGGCCGCTATAGTGAGTCGATTACAAAATTCTGACGGTTCCTAAACG AGCTCTGCTTAATATAGACCTCCACCGT
Restriction Sites:	Please inquire
ACCN:	NM_001817
Insert Size:	750 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:	The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.
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_001817.2</u> , <u>NP_001808.2</u>
RefSeq Size:	1205 bp
RefSeq ORF:	735 bp
Locus ID:	1089
UniProt ID:	<u>O75871</u>
Cytogenetics:	19q13.2
Protein Families:	Transmembrane
Gene Summary:	Granulocyte orphan receptor that acts as an trigger efficient phagocytosis of attached particles.[UniProtKB/Swiss-Prot Function]