

Product datasheet for **SC306242**

Cell adhesion molecule 4 (CADM4) (NM_145296) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cell adhesion molecule 4 (CADM4) (NM_145296) Human Untagged Clone
Tag:	Tag Free
Symbol:	Cell adhesion molecule 4
Synonyms:	IGSF4C; Necl-4; NECL4; synCAM4; TSLL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >SC306242 representing NM_145296.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGATGGAGGAGGAGGAAGCTGGAGTTCGTGGAGGAGCTGGAAGCCGTGCTGCAGCTCACGCCGAGGTG
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AAAAAGAGACTGTAG
  
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_145296 unedited GTTCGGTCTTTATATTTGTATACCATCATATAGGCGGCCGCGNATTCAAATCTGGTACCG ATATCAAGCTTGGTACCGAGCTCGGATCCACTAGTAACGGCCGCCAGTGTGCTGGAATTC GCCCTTCGGCGGGCCACCATGGGCCGGGCCGGCGCTTCCAGTGGCCGCTGCTGCTGCT GTGGGCGGCCGCGGGCCAGGGCAGGACAGGAAGTACAGACAGAGAACGTGACAGT GGCTGAGGGTGGGTGGCTGAGATCACCTGCCGCTGCACCAGTATGATGGGTCCATAGT TGTCCATCCAGAACCAGCCCGGACAGCCCTCTTCTTCAATGGCACCCGTGCCTTGAAGGA TGAGCGTTTCCAGCTTGAGGAGTTCTCCCCACGCCGGTTCGGATCCGGCTCTCAGATGC CCGCCTGGAGGACGAGGGGGCTATTTCTGCCAGCTCTACACAGAAGACCCACCACCA GATTGCCACGCTCACGCTACTAGTGGCCCCAGAGAATCCTGTGGTGGAGGTCCCGGAGCA AGCNGTTAAAGGGCCGCGAGGTGGAACCTAACTGCCTCCGTTCCGGTCCCGTCCGGCTG CCACCCTGCGCTGGTACGGGGCCCGCAGGAGCTGAAAAGGATGACCAGCAGCCCGAAAA TGGAAAGTCTGGACCGTGGCAAGCCACGTCCGGTTTCTTGTGGCCCTAAAGGCCAA CGTGGGATTAACCATCTGTGGAGGGCGCAAACCAGGGCCCTGGCCTTCCGGAACAAGGA AGGCAAACCCATTCTTGCCTGGATAGGGCAATAACTCCCCCGGGCCCGGGAATAA ATGGCCCTCCAAAAAATTGTGGTGAAGGAGGGGAGAACACCCCTGGGTTTTACCCGGGG CCGTTCCACGGGAAACCCAGGGCAAACAN</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_145296 unedited GNANAGCACTGGGCAGGGTACAGGNATGCCCGGGNTCTGTTCAGGAAAAGCTATGA CCGCGGCCCAATCTATATGCATGCTCGAGCGGCCAGTGTGATGGATATCTGCAGAA TTCGCCCTTCTAGCCTGGGGTGGGATAGGGTCAGATGAAGAATTCCTTTTCTCTTG TGTCCTGCGTGCATTGAGGAAGGCTTCTTGTCTTCCCTGTTTCATCCAAGCCACTG GCTTCGTGGGTGAGATAGGAACCTTCTGCCGTACCGAGCACCAGACCATGCCCACTAGC ACACATATGATCAGAAACACCAGCAGCGCCAGGATGCCGCCACAATGGCATAGGGAACC GACGTCTGAGCCTTACCACCGCACCAGGGTCGTAGACCACAAGTACGTAGAGCGCCCTC GCATGGCCGTGCTTATTGGACGCTCGCAAGTGTAGGTGCCGTTATCCGCGGATACCAGA CCCGGCAGCGTGAAGCTCTCCACAGGCTCCGCCCTCCTCCGGCAAAGACTCATTCCCC GCGTTCACGCGGATCTGGTTTTGGCCTGGGGTTCCTCCGTGACAGCACACCGTCACACCAG CATCCAGCACGTAAGTCTGCTTGTGGGGCCGAGGGCAACCCCTGGTTCTGCCCC TCCAAAATGATGATCCCCCGTCTCTTTACGGCCCAACGAAACCGTACTGGGCTTTCC CCGCCTCCAAACCTTGGCATTCTTCTGGGCGGTGGCTACTCCCTTCAACTCCTTGCCG GCC</p>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_145296
Insert Size:	2499 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:	<ol style="list-style-type: none">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:	NM_145296.1
RefSeq Size:	2176 bp
RefSeq ORF:	2499 bp
Locus ID:	199731
UniProt ID:	Q8NFZ8
Cytogenetics:	19q13.31
Protein Families:	Transmembrane
MW:	94.4 kDa
Gene Summary:	Involved in the cell-cell adhesion. Has calcium- and magnesium-independent cell-cell adhesion activity. May have tumor-suppressor activity.[UniProtKB/Swiss-Prot Function]