

## Product datasheet for RC233779

### Cell adhesion molecule 2 (CADM2) (NM\_001256503) Human Tagged ORF Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | Cell adhesion molecule 2 (CADM2) (NM_001256503) Human Tagged ORF Clone         |
| Tag:                      | Myc-DDK  |
| Symbol:                   | Cell adhesion molecule 2   |
| Synonyms:                 | IGSF4D; Necl-3; NECL3; SynCAM 2; synCAM2                                       |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| ORF Nucleotide Sequence:  | >RC233779 representing NM_001256503<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCTGTCAAACTTCCAAGGCATATCTACCGTTCTGGGTGTTCTGAAAAGCCTCAGATTAGTGGAT  
TCTCATCACCAGTTATGGAGGGTGACTTGATGCAGCTGACTTGCAAAACATCTGGTAGTAAACCTGCAGC  
TGATATAAGATGGTTCAAAAATGACAAAGAGATTAAGATGTAAAATATTTAAAAGAAGAGGATGCAAAT  
CGCAAGACATTCCTGTCAGCAGCACACTGGACTTCGAGTGGACCGGAGTGATGATGGAGTGGCGGTCA  
TCTGCAGAGTAGATCACGAATCCCTCAATGCCACCCCTCAGGTAGCCATGCAGGTGCTAGAAATACACTA  
TACACCATCAGTTAAGATTATACCATCGACTCCTTTTCCACAAGAAGGACAGCCTTTAATTTGACTTGT  
GAATCCAAAGGAAAACCACTGCCAGAACCTGTTTTGTGGACAAAGGATGGCGGAGAATTACCAGATCCTG  
ACCGAATGGTTGTGAGTGGTAGGGAGCTAAACATTCCTTTCTGAACAAAACGGATAATGGTACATATCG  
ATGTGAAGCCACAACACCATTGGCCAAAGCAGTGCAGGAAATGTTCTCATTGTGCATGATGTTCCCAAC  
ACTTTGCTTCCCCTACTATCATCCCCTCCCTTACCACTGCAACAGTACAACCACTGTAGCCATAACAA  
CCAGCCCAACCACATCTGCAACAACCAGCAGCATCAGAGATCCTAATGCTTTGGCTGGCCAGAATGGCCC  
TGACCATGCTCTCATAGGAGGAATAGTGGCTGTAGTTGTATTTGTCACGCTGTGTTCTATCTTTCTGCTT  
GGTCGATATCTGGCAAGGCATAAAGGAACGTATTTAACAATGAAGCTAAAGGAGCTGAAGATGCACCAG  
ATGCTGATACGCCATTATCAATGCTGAAGGCAGCCAAGTCAATGCTGAAGAGAAAAAAGAGTATTTTCAT  
T

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)



**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:** [NM\\_001256503.2](#)

**RefSeq Size:** 8977 bp

**RefSeq ORF:** 984 bp

**Locus ID:** 253559

**UniProt ID:** [Q8N3J6](#)

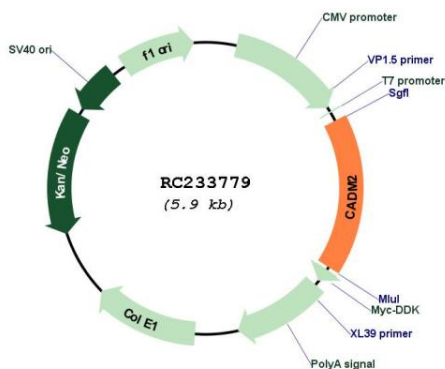
**Cytogenetics:** 3p12.1

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 35.9 kDa

**Gene Summary:** This gene encodes a member of the synaptic cell adhesion molecule 1 (SynCAM) family which belongs to the immunoglobulin (Ig) superfamily. The encoded protein has three Ig-like domains and a cytosolic protein 4.1 binding site near the C-terminus. Proteins belonging to the protein 4.1 family crosslink spectrin and interact with other cytoskeletal proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2012]

### Product images:



Circular map for RC233779