

## Product datasheet for **RC227735**

### **ADAMDEC1 (NM\_001145271) Human Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	ADAMDEC1 (NM_001145271) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ADAMDEC1
Synonyms:	M12.219
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide Sequence:**

>RC227735 representing NM\_001145271  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCGTGGGATCTCCAGCTACCTGCAGTGGCCACCATGTCTTGGGTCTGCTGCCTGTACTTTGGC  
 TCATTGTTCAAACCTCAAGCAATAGCCATAAAGCAAACACCTGAATTAACGCTCCATGAAATAGTTTGTC  
 TAAAAAATTCACATTTTACACAAAAGAGAGATCAAGAACAACCAGACAGAAAAGCATGGCAAAGAGGAA  
 AGGTATGAACCTGAAGTTCAATATCAGATGATCTTAAATGGAGAAGAAATCATTCTCTCCCTACAAAAA  
 CCAAGCACCTCTGGGGCCAGACTACACTGAAACATTGTACTCACCCAGAGGAGAGGAAATACCACGAA  
 ACCTGAGAACATGGAACACTGTTACTATAAAGGAAACATCCTAAATGAAAAGAATTCTGTTGCCAGCATC  
 AGTACTTGTGACGGTTGAGAGGATACTTACACATCATCACAAAGATACCAGATAAAACCTCTGAAAA  
 GCACAGACGAGAAAGAATGCCGTCTTACATCTAACCCAGGAGGAACAAGACCCAGCTAACACACATG  
 TGGTGTGAAGAGCACTGACGGGAAACAAGCCCAATTCGAATCTCTAGATCACTAAAAGCCAGAGAAA  
 GAAGACTTTCTTCGGGCACAGAAATACATTGATCTCTATTTGGTCTGGATAATGCCTTTTATAAGAACT  
 ATAATGAGAATCTAACTCTGATAAGAAGCTTTGTGTTGATGTGATGAACCTACTCAATGTGATATAAA  
 CACCATAGATGTTCAAGTGGCCTTGGTAGGTATGGAAATCTGGTCTGATGGGGATAAGATAAAGGTGGT  
 CCCAGCGCAAGCACACGCTTTGACAACCTCCTGAGATGGCACAGTTCTAACCTGGGGAAAAAGATCCACG  
 ACCATGCTCAGCTTCTCAGCGGGATTAGCTTCAACAATCGACGTGTGGGACTGGCAGCTTCAAATTCCTT  
 GTGTTCCCATCTTCGGTTGCTGTTATTGAGGCTAAAAAAGAATAATGTGGCTCTTGTAGGAGTGATG  
 TCATGAGCTGGGCCATGTCTTGGTATGCCTGATGTTCCATTCAACACCAAGTGTCCCTCTGGCAGTT  
 GTGTGATGAATCAGTATCTGAGTTCAAATTCCAAAGGATTTTCAGTACATCTTCCCGTGCACATTTTGA  
 AAGATACCTTTTATCTCAGAAACCAAAGTGCCTGCTGCAAGCACCTATTCTACAAATATAATGACAACA  
 CCAAGTGTGGGAACCACCTTCTAGAAGTGGGAGAAGACTGTGATTGTGGCTCTCCTAAGGAGTGTACCA  
 ATCTCTGCTGTGAAGCCCTAACGTGAAACTGAAGCTGGAAGTATTGCGGAGGAGATGCTCAAACCA  
 TACCACAGAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC227735 representing NM\_001145271  
 Red=Cloning site Green=Tags(s)

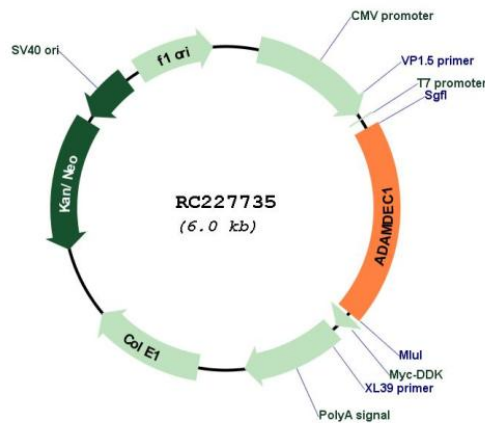
MLRGISQLPAVATMSWLLPVLWLIVQTQAIAIKQTPELTLHEIVCPKKLHILHKREIKNNQTEKHGKEE  
 RYEPEVQYQMILNGEEIILSLQKTKHLLGPDYETLYSPRGEEITTKPENMEHCYKGNILNEKNSVASI  
 STCDGLRGYFTHHHQRYQIKPLKSTDEKEHAVFTSNQEEQDPANHTCGVKSTDGKQGPPIRISRLKSPEK  
 EDFLRAQKYIDLVLVDNAFYKNYNENLTIIRSFVFDVMNLLNVIYNTIDVQVALVGMEIWSGDGKIKVV  
 PSATTFDNFLRWSSNLGKKIHDHAQLLSGISFNRRVGLAASNLSLSPSSVAVIEAKKKNNVALVGMV  
 SHELGHVLMGPDVPFNTKCPSPGSCVMNQYLSKFKPDKFSTSCRAHFERYLLSQPKCLLQAPIPTNIMTT  
 PvcGNHLLLEVGEDCDGSPKECTNLCEALTCKLKPgTDCGGDAPNHtTE

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**

**ACCN:**

NM\_001145271

**ORF Size:**

1413 bp

**OTI Disclaimer:**

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:**

This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001145271.1, NP_001138743.1</u>
<b>RefSeq Size:</b>	2438 bp
<b>RefSeq ORF:</b>	1176 bp
<b>Locus ID:</b>	27299
<b>UniProt ID:</b>	<u>O15204</u>
<b>Cytogenetics:</b>	8p21.2
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>MW:</b>	52.8 kDa
<b>Gene Summary:</b>	This encoded protein is thought to be a secreted protein belonging to the disintegrin metalloproteinase family. Its expression is upregulated during dendritic cells maturation. This protein may play an important role in dendritic cell function and their interactions with germinal center T cells. [provided by RefSeq, Jul 2008]