

Product datasheet for **RC227739**

ADAMDEC1 (NM_001145272) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMDEC1 (NM_001145272) 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



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ORF Nucleotide Sequence:

>RC227739 representing NM_001145272
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

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

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC227739 representing NM_001145272
 Red=Cloning site Green=Tags(s)

MLRGISQLPAVATMSWLLPVLWLIVQTQAIAIKQTPELTLHEIVCPKLLHILHKREIKNNQTEKHGKEE
 RYEPEVQYQMILNGEEIILSLQKTKHLLGPDYETLYSPRGEEITTKPENMEHCYKGNILNEKNSVASI
 STCDGLRGYFTHHHQRYQIKPLKSTDEKEHAVFTSNQEEQDPANHTCGVKSTDGKQGPPIRSRLKSPEK
 EDFLRAQKYIDLVLVDNAFYKNYNENLTIIRSFVFDVMNLLNVIYNTIDVQVALVGMEIWSGDGKIKVV
 PSATTFDNFLRWSSNLGKKIHDHAQLLSGISFNRRVGLAASNLSLSPSSVAVIEAKKKNNVALVGMV
 SHELGHVLMGPDVPFNTKCPSPGSCVMNQYLSKFKPDKFSTSCRAHFERYLLSQPKCLLQAPIPTNIMTT
 PvcGNHLLLEVGEDCDGSPKECTNLCEALTCKLKPgTDCGGDAPNHtTE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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:	<u>NM_001145272.1, NP_001138744.1</u>
RefSeq Size:	2229 bp
RefSeq ORF:	1176 bp
Locus ID:	27299
UniProt ID:	<u>O15204</u>
Cytogenetics:	8p21.2
Protein Families:	Druggable Genome, Secreted Protein
MW:	52.8 kDa
Gene Summary:	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]