

Product datasheet for **RG227735**

ADAMDEC1 (NM_001145271) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAMDEC1 (NM_001145271) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ADAMDEC1
Synonyms:	M12.219
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG227735 representing NM_001145271
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGTGGGATCTCCAGCTACCTGCAGTGGCCACCATGTCTTGGGTCTGCTGCCTGTACTTTGGC
 TCATTGTTCAAACCTCAAGCAATAGCCATAAAGCAAACACCTGAATTAACGCTCCATGAAATAGTTTGCC
 TAAAAAATTCACATTTTACACAAAAGAGAGATCAAGAACAACCAGACAGAAAAGCATGGCAAAGAGGAA
 AGGTATGAACCTGAAGTTCAATATCAGATGATCTTAAATGGAGAAGAAATCATTCTCTCCCTACAAAAA
 CCAAGCACCTCTGGGGCCAGACTACACTGAAACATTGTACTCACCCAGAGGAGAGGAAATTACCACGAA
 ACCTGAGAACATGGAACACTGTTACTATAAAGGAAACATCCTAAATGAAAAGAATTCTGTTGCCAGCATC
 AGTACTTGTGACGGTTGAGAGGATACTTCACACATCATCAACAAAGATACCAGATAAACCTCTGAAAA
 GCACAGACGAGAAAGAATGCCGTCTTACATCTAACCCAGGAGGAACAAGACCCAGCTAACACACATG
 TGGTGTGAAGAGCACTGACGGGAAACAAGCCCAATTCGAATCTCTAGATCACTAAAAGCCAGAGAAA
 GAAGACTTTCTTCGGGCACAGAAATACATTGATCTCTATTTGGTCTGGATAATGCCTTTTATAAGAACT
 ATAATGAGAATCTAACTCTGATAAGAAGCTTTGTGTTGATGTGATGAACCTACTCAATGTGATATATAA
 CACCATAGATGTTCAAGTGGCCTTGGTAGGTATGGAAATCTGGTCTGATGGGGATAAGATAAAGGTGGTG
 CCCAGCGCAAGCACACGCTTTGACAACCTCCTGAGATGGCACAGTTCTAACCTGGGGAAAAAGATCCACG
 ACCATGCTCAGCTTCTCAGCGGGATTAGCTTCAACAATCGACGTGTGGGACTGGCAGCTTCAAATTCCTT
 GTGTTCCCATCTTCGGTTGCTGTTATTGAGGCTAAAAAAGAATAATGTGGCTCTTGTAGGAGTGATG
 TCACATGAGCTGGGCCATGTCTTGGTATGCCTGATGTTCCATTCAACACCAAGTGTCCCTCTGGCAGTT
 GTGTGATGAATCAGTATCTGAGTTCAAAATTCCAAAGGATTTTCAGTACATCTTCCCGTGCACATTTTGA
 AAGATAACCTTTTATCTCAGAAACCAAAGTGCCTGCTGCAAGCACCTATTCTACAAATATAATGACAACA
 CCAAGTGTGTTGGAAACACCTTCTAGAAGTGGGAGAAGACTGTGATTGTGGCTCTCCTAAGGAGTGTACCA
 ATCTCTGCTGTGAAGCCCTAACGTGAAACTGAAGCCTGGAAGTATTGCGGAGGAGATGCTCAAACCA
 TACCACAGAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG227735 representing NM_001145271
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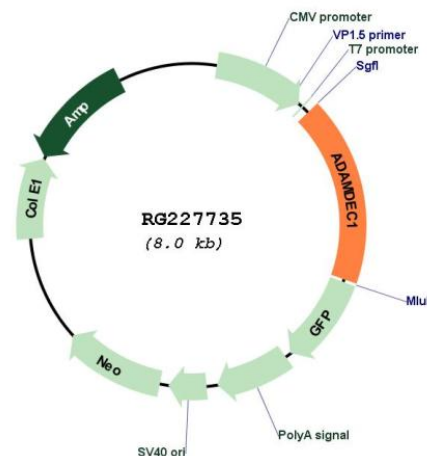
MLRGISQLPAVATMSWLLPVLWLIVQTQAIAIKQTPELTLHEIVCPKLLHLHKREIKNNQTEKHGKEE
 RYEPEVQYQMILNGEEIILSLQTKHLLGPDYETLYSPRGEEITTKPENMEHCYKGNILNEKNSVASI
 STCDGLRGYFTHHHQRYQIKPLKSTDEKEHAVFTSNQEEQDPANHTCGVKSTDGKQGPIRISRLKSPEK
 EDFLRAQKYIDLVLVDNAFYKNYNENLTLIRSFVFDVMNLLNVIYNTIDVQVALVGMEIWSGDGIKVV
 PSASTTFDNFLRWSSNLGKKIHDHAQLLSGISFNRRVGLAASNLSLSPSSVAVIEAKKKNNVALVGM
 SHELGHVLGMPDVPFNTKCPGSCVMNQYLSSKFPKDFSTSCRAHFERYLLSQPKKLLQAPIPTNIMTT
 PVCGNHLLVEGEDCDGSPKECTNLCEALTCKLKPDTDCGGDAPNHTTE

TRTRPLE – GFP Tag – V

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).

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_001145271.1</u> , <u>NP_001138743.1</u>
RefSeq Size:	2438 bp
RefSeq ORF:	1176 bp
Locus ID:	27299
UniProt ID:	<u>O15204</u>
Cytogenetics:	8p21.2
Protein Families:	Druggable Genome, Secreted Protein
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]