

## Product datasheet for **MG223445**

### Adamdec1 (NM\_021475) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adamdec1 (NM_021475) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Adamdec1
Synonyms:	2210414L24Rik; AI574231; Dcsn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG223445 representing NM\_021475  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTGCCTGGGACTTCTCGGCTACCCACAGAAGCCAGCATGTCTGGGTCTGCTTTCAGTCTGTGGC  
 TTATCATTCAAATCCAAGTGATAGATGCAACGTTAACCCCGAGTTAAAGCCTCACGAAATAGTTGGTCC  
 TAAAAAATACCCATTTACAGAAAAGAGGGCTTGAGAACAACCAGACAGAGAGATATGGCAAAGAGGAA  
 AAATATGCACCAGAAGTTCAATATCAGATCATACTAAATGGAGAAGAAATGTTTTTACCTAAAGAGAA  
 CCAAGCATCTTCTGGGGCCAGACTACACTGAAACATCTTACTCACCCAGAGGAGAAGAGAGCACCAGACA  
 CTCTCAGGATGTGAAACCCTGCTACTATGAAGGCCACATCCAAAATGCAAGGGGCTCTCTGGCCAGGATC  
 AGTACCTGTGATGGGTTGAGAGGGTACTTCACACATCGTGATCAGAGATATCAAATAAAGCCTCTACAAA  
 GCACAGATGAGGGAGAGCATGCTGTTCTCCCATACAGCTGGAAGGGACAAGACACAGTTCATGACAAGGA  
 TGCTGAGAAGCAAGTTGTCAGGAAACGAAGCCATCTTCGAACTCCAGGCACTCAAAAACCCAAATGAA  
 GACTTACTTCAAGGACAGAAGTACATTGGTCTCTTTTTGGTGCTGGATAATGCCTATTATAAGCTGTATA  
 ATGGGAATGTGACTCAGATGAGAACCCTTCTGTTCAAGGTGCTGAATCTGCTCAATATGATTTATAAAAC  
 CATAAATATTCAAGTGTCTTTGGTGGGCATGGAGATCTGGTCTGACCAGGACAAGATAAAGGTGGAGCCC  
 AACCTTGGTGCCACGTTACACACTTCATGAGATGGCATTATTCTAACCTGGGGAAAAGGATCCATAACC  
 ACGCCAGCTTCTCAGTGGAGCTAGCTTCCGCCATGGACGTGTGGGAATGGCAGCTGGGAATTCCTTTTG  
 TACTACATCGTCTGTGTCTGTAATTGAGGCTAAAAAAGAATAATGTGGCTCTTGTGCACTGATGTCA  
 CATGAGTTGGGCCACGCCCTTGGTATGAAGGATGTTCCATATTATACCAAGTGTCCCTCTGGCAGCTGTG  
 TGATGAATCAGTACCTGAGTTCAAATTCCTCAAGGATTCAGTACCGTCAGCCGTTCTCAATTTCAAGG  
 GTTCTCTCATCTAGAAATGCAAGGTGTCTGCTGCTGGCACCTGACCCATAAAACATAATAAAACCAACA  
 TGTGGGAACCAAGTCTGGATGTGGGAGAAGAGTGTGACTGTGGCTCTCCTGAGGAATGTACCAATCTTT  
 GCTGTGAGCCCTGACATGTAGGCTGAAATCTCAACCTGACTGCAGTGAAGCATCCAACCACATCACAGA  
 A

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

>MG223445 representing NM\_021475  
 Red=Cloning site Green=Tags(s)

MLPGTSRLPTEASMSWLLSVLWLIQIQVIDATLTPELKPHEIVRPKLPISQKRLENQTERYGKEE  
 KYAPEVQYQIILNGEEIVFHLKRTKHLGPDYTETSYSPRGEESTRHSQDVKPCYEGHIQNARGSLARI  
 STCDGLRGYFTHRDQRYQIKPLQSTDEGEHAVLPYSWKQDQTVHDKDAEKQVVRKRSHLRTSRSLKNPNE  
 DLLQGQKYIGLFLVLDNAYYKLYNGNVTQMRFLFKVLNLLNMIYKTIINIQVSLVGMEIWSQDKIKVEP  
 NLGATFTHFMRWHYSNLGKRIHHAQLLSGASFRHGRVGMAGNSFCTTSSVSVIEAKKKNVALVALMS  
 HELGHALGMKDVPYYTKCPGSCVMNQYLSKFPKDFSTVSRSHFQGFSSRNARCLLLAPDPKNIKPT  
 CGNQVLVDVGEEDCGSPEECTNLCCEPLTCRLKSQPDCEASNHITE

**TR**TRPLE - GFP Tag - V

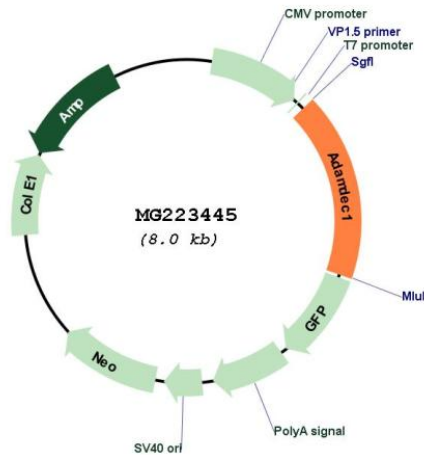
**Restriction Sites:**

Sgfl-Mlul

## Cloning Scheme:



## Plasmid Map:



ACCN: NM\_021475

ORF Size: 1401 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:**

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\\_021475.2](#), [NP\\_067450.1](#)

**RefSeq Size:** 2412 bp

**RefSeq ORF:** 1404 bp

**Locus ID:** 58860

**UniProt ID:** [Q9R0X2](#)

**Cytogenetics:** 14 D1

**Gene Summary:** May play an important role in the control of the immune response and during pregnancy.  
[UniProtKB/Swiss-Prot Function]