

Product datasheet for **SC325036**

ADAMDEC1 (NM_001145271) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ADAMDEC1 (NM_001145271) Human Untagged Clone
Tag: Tag Free
Symbol: ADAMDEC1
Synonyms: M12.219
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for NM_001145271, the custom clone sequence may differ by one or more nucleotides

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ATGATCTTAAATGGAGAAGAAATCATTCTCCCTACAAAAACCAAGCACCTCCTGGGG
CCAGACTACACTGAAACATTGTACTCACCCAGAGGAGAGGAAATTACCACGAAACCTGAG
AACATGGAACACTGTTACTATAAAGGAAACATCCTAAATGAAAAGAATTCTGTTGCCAGC
ATCAGTACTTGTGACGGGTTGAGAGGATACTTCACACATCATCACAAAGATACCAGATA
AAACCTCTGAAAAGCACAGACGAGAAAGAACATGCCGTCTTACATCTAACCGAGGAGAA
CAAGACCCAGCTAACACACATGTGGTGTGAAGAGCACTGACGGGAAACAAGGCCAATT
CGAATCTCTAGATCACTAAAAGCCCAGAGAAAGAAGACTTTCTCGGGCACAGAAATAC
ATTGATCTCTATTTGGTCTGGATAATGCCTTTTATAAGAACTATAATGAGAATCTAACT
CTGATAAGAAGCTTTGTGTTTGTGATGTGATGAACCTACTCAATGTGATATATAACCCATA
GATGTTCAAGTGGCCTTGGTAGGTATGGAAATCTGGTCTGATGGGGATAAGATAAAGGTG
GTGCCAGCGCAAGCACCACGTTTGACAACTTCCTGAGATGGCACAGTTCTAACCTGGGG
AAAAAGATCCACGACCATGCTCAGCTTCTCAGCGGGATTAGCTTCAACAATCGACGTGTG
GGACTGGCAGCTTCAAATTCCTTGTGTTCCCATCTTCGGTTGCTGTTATTGAGGCTAAA
AAAAAGAATAATGTGGCTCTTGTAGGAGTGTGCACATGAGCTGGGCCATGTCCTTGGT
ATGCCTGATGTTCCATTCAACCAAGTGTCCCTCTGGCAGTTGTGTGATGAATCAGTAT
CTGAGTTCAAATTCCTCAAGGATTTTCAGTACATCTTCCGCTGCACATTTTGAAAGATAC
CTTTTATCTCAGAAACCAAGTGCCTGCTGCAAGCACCTATTCCTACAAATATAATGACA
ACACCAGTGTGTGGGAACCACCTTCTAGAAGTGGGAGAAGACTGTGATTGTGGCTCTCCT
AAGGAGTGTACCAATCTCTGCTGTGAAGCCCTAACGTGTAACTGAAGCCTGGAAGTGTG
TGCGGAGGAGATGCTCAAACCATACCACAGAG
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Restriction Sites: Please inquire

ACCN: NM_001145271

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<p>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]</p> <p>Transcript Variant: This variant (2) includes an alternate exon compared to variant 1. Translation may initiate at an internal AUG site (compared to variant 1) due to leaky scanning as both AUG sites are associated with a weak Kozak signal. It is possible that this transcript is not protein-coding as initiation from the AUG site in exon 1 would render the transcript a candidate for nonsense-mediated decay. The same protein isoform is predicted for transcript variants 2 and 3.</p>