

Product datasheet for **MC226133**

Adora1 (NM_001291930) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adora1 (NM_001291930) Mouse Untagged Clone
Tag: Tag Free
Symbol: Adora1
Synonyms: A1-AR; A1AR; A1R; AA1R; AI848715; BB176431; Ri
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226133 representing NM_001291930
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTGGCTGGAACAACCTGAGTGAGGTGGAACAAGCCTGGATAGCCAACGGCAGTGTTGGGGAGCCCG
TGATCAAGTGTGAGTTCGAGAAGGTTATCAGCATGGAGTACATGGTCTACTTCACTTCTTCGTCTGGT
GCTGCCCCATTGCTCCTCATGGTCTTATCTACCTGGAGGTCTTCTACCTGATCCGCAAGCAGCTCAAC
AAAAGGTGTGAGCCTCCTCTGGTGACCCCAAGTACTACGGGAAGGAGCTCAAGATCGCCAAGTCGC
TGGCCCTCATCCTCTTCTCTTTGCCCTCAGCTGGCTACCGCTACACATCTTGAAGTGCATCACCCCTCT
CTGCCCCACCTGCCAGAAACCCAGCATCCTCATCTACATTGCCATCTTCTCACACACGGCAACTCGGCC
ATGAACCCCATCGTCTATGCCTTCCGAATCCACAAGTTCCGGGTACCTTCTGAAGATTGGAACGACC
ACTTCCGATGCCAGCCCAAGCCCCCATTGAGGAAGATATCCAGAGGAGAAAGCTGATGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001291930
Insert Size: 555 bp

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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001291930.1</u> , <u>NP_001278859.1</u>
RefSeq Size:	4624 bp
RefSeq ORF:	555 bp
Locus ID:	11539
Cytogenetics:	1 E4
Gene Summary:	<p>Receptor for adenosine. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 2. The encoded protein (isoform c) is shorter, compared to isoform a.</p>