

Product datasheet for MC227048

Adora1 (NM_001282945) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adora1 (NM_001282945) 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: >MC227048 representing NM_001282945
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGCCGTACATCTCGGCCTCCAGGCTGCCTACATTGGCATCGAGGTGCTCATTGCCTTGGTCTCTG
 TGCCCGAAATGTACTGGTGATTTGGGCTGTGAAGGTGAACAGGCACTCGCGATGCTACCTTCTGCTT
 CATCGTATCCCTGGCGGTAGCTGATGTGGCTGTTGGCGCCTGGTCATCCCACTGGCCATCCTTATCAAC
 ATTGGGCCACAGACCTACTTCCACACCTGCCTCATGGTGGCCTGTCTGTCTCATCTCACCCAGAGCT
 CCATCCTGGCTCTGCTTGCTATTGCTGTGGATCGGTACCTCCGAGTCAAGATCCCTCTCCGGTACAAGAC
 AGTGGTGAAGTCAAGTGTGAGTTCGAGAAGGTTATCAGCATGGAGTACATGGTCTACTTCAACTTCTTCGT
 AGCCCGTGATCAAGTGTGAGTTCGAGAAGGTTATCAGCATGGAGTACATGGTCTACTTCAACTTCTTCGT
 CTGGGTGCTGCCGCCATTGCTCCTCATGGTCTTATCTACCTGGAGGTCTTCTACCTGATCCGCAAGCAG
 CTCAACAAAAAGGTGTCAGCCTCCTCTGGTGACCCCAAGAAGTACTACGGGAAGGAGCTCAAGATCGCCA
 AGTCGCTGGCCCTCATCCTCTTCTCTTTGCCCTCAGCTGGCTACCGCTACACATCTTGAAGTGCATCAC
 CCTCTTCTGCCCCACCTGCCAGAAACCCAGCATCCTCATCTACATTGCCATCTTCTCACACACGGCAAC
 TCGGCCATGAACCCCATCGTCTATGCCTTCCGAATCCACAAGTTCGGGTACCTTTCTGAAGATTTGGA
 ACGACCACTTCCGATGCCAGCCCAAGCCCCCATTGAGGAAGATATCCAGAGGAGAAAGCTGATGACTA
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001282945



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Insert Size:	981 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).
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_001282945.1</u> , <u>NP_001269874.1</u>
RefSeq Size:	5056 bp
RefSeq ORF:	981 bp
Locus ID:	11539
UniProt ID:	<u>Q60612</u>
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 (3) differs in the 5' UTR, compared to variant 2. Variants 1, 2, and 3 encode the same protein (isoform a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>