

## Product datasheet for **MG226318**

### Adora2a (NM\_009630) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Adora2a (NM\_009630) Mouse Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** Adora2a  
**Synonyms:** A2AAR; A2aR; AA2AR  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >MG226318 representing NM\_009630  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGGCTCCTCGGTGTACATCATGGTGGAGCTGGCCATTGCTGTGCTGGCCATCCTGGGTAACGTGCTTG  
 TGTGCTGGGCCGTGTGGATCAACAGCAACCTGCAGAACGTACCAACTTCTTCGTGGTATCTCTGGCGGC  
 GGCTGACATCGCGGTGGCGTGTCTGCCATCCCATTGCCATCACCATCAGCACTGGCTTCTGCGCTGCC  
 TGCCATGGCTGCCTTCTTCGCTGCTTTGCTCCTGGTCTCACGCAGAGTTCATCTTCAGCCTCTTGG  
 CTATTGCCATCGACAGATACATCGCCATCCGAATTCCTCCGGTACAATGGCTTGGTGACGGGTATGAG  
 GGCGAAGGGCATATTGGGATTTGCTGGGTGCTGTCAATCGCCATCGGCCGACCCCATGCTGGGCTGG  
 AACAACTGCAGTCAGAAAGATGAGAACTCCACAAAGACCTGCGGCGAGGGCCGGGTGACCTGTCTGTTT  
 AGGACGTGGTACCCATGAATTACATGGTTTACTACAACCTCTTCGCTTTTGTGTTGCTCCCCCTCTGCT  
 CATGCTGGCCATCTACCTAAGGATTTTTTGGCAGCCCGGAGACAGCTGAAGCAGATGGAGAGCCAAACC  
 CTACCAGGGGAGCGGACTCGTCCACACTGCAGAAGGAAGTCCACGCCGCAAGTCCCTGGCCATCATCG  
 TGGGGCTCTTGGCCCTGCTGGTTGCCCTGCACATCATCAACTGCTTACCTTCTTCTGCTCCACGTG  
 CCAGCACGCCCTCCTTGGCTCATGTACCTGGCCATCATCCTCTCCACAGCAATTCCGTTGTCAACCCC  
 TTCATCTACGCCCTACAGGATCCGGGAGTCCGCCAGACCTCCGGAAGATCATCCGAACCCACGTCCTGA  
 GCGGCAGGAACCTTACAGGCAAGGGGTCCAGTGCCTGGGCCTTGGCGGCTCACAGCACTGAGGGCGA  
 GCAGGTACGCTCCGCTCAATGGCCACCCCTGGGAGTATGGGCAATGGGAGTCTCCCCACTCTGGA  
 CGCGGCCCAATGGCTACACCCTGGGGCCGGGAGTGGAGGGAGCACCAAGGGTCTCTGGGGATGTAG  
 AGCTTCTTACCCAGGAGCACCAGGAAGGGCAAGAGCACCTGGCCTAGGGGATCATCTGGCCAGGGTAG  
 GGTAGGAACAGCCTCATGGTCTTACAGATTTGCCCTTCC

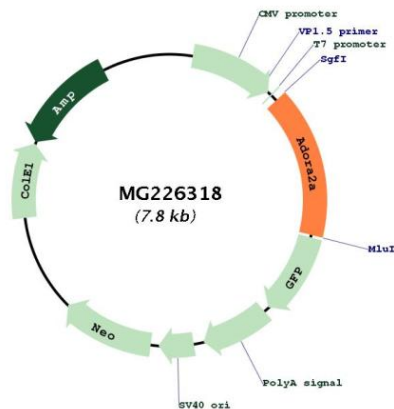
**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_009630.3</u>
<b>RefSeq Size:</b>	2534 bp
<b>RefSeq ORF:</b>	1233 bp
<b>Locus ID:</b>	11540
<b>UniProt ID:</b>	<u>Q60613</u>
<b>Cytogenetics:</b>	10 C1
<b>Gene Summary:</b>	Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.[UniProtKB/Swiss-Prot Function]

**Product images:**


Circular map for MG226318