

## Product datasheet for RN213605

### Aar2 (NM\_001106535) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Aar2 (NM\_001106535) Rat Untagged Clone  
 Tag: Tag Free  
 Symbol: Aar2  
 Synonyms: RGD1311066  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >RN213605 representing NM\_001106535  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTTCATGCAGATGGATCCTGAGTTAGCCAAGCAACTCTTCTTTGAAGGAGCCACTGTGGTCATTC  
 TGAACATGCCCAAGGGGACAGAGTTTGGCATTGACTACAACCTCTGGGAGGTGGGGCCCAAGTTCGGGG  
 TGTGAAGATGATCCCCCTGGTGTCCACTTCTTTACTACAGCTGTGGACAAGCCAATCCCAGGGAG  
 GTGGGCCCTCGGATGGGCTTCTTTCTTAGCCTGAAGCAGCGGGAGTTGACAGTCTGCGCTGGAATGCAG  
 TTCAGGAAGAGGTAGACCTGTCTCCAGCTCCAGAGGCTGAAGTAGAAGCCATGAGAGCCAATCTCCCAGA  
 GCTGGACCAAGTTCTGGGACCTTACCCATATGGTACACTCAAGAAGTGGATCTCACTCACCAACTTCATC  
 AGTGAGGCCACCATGGAGAAGCTGCAGCCTGAGAGCCGGCAGATCTGCGCCTTCTCAGATGTGCTTCCC  
 TGCTTTCCATGAGGTACACCAAGGACAGGGTGGAAACAGAACCTACCGCTCTGTGGCACCAGTGCAGAA  
 CTACCAAGAGGGCTTGGCCCGGCTGCCTGAGATGAAGCCAGGGCGGGACAGAGATCCGCTTCTCAGAG  
 CTGCCACTCAGATGTTCCAGCAGGTGCCACACCAGCAGAGATCACCAGGCACAGCATGGACTTGAGCT  
 ATGCCCTCGAGACTGTGCTCAGCAAGCAGTTCCTGGCAACCCAGGATGTCTTGGTGAACCTCCAGTT  
 TGCTTTGTGTGCTTCTGCTGGCAATGTGTATGAGGCATTTGAGCACTGGAAGCGGCTCCTGAACCTC  
 CTGTGTGGTCTGAAACTGCCATGGTGAAGCACCGCCCTGTACGTGAGCCTCATCTCCATCCTGTATC  
 ACCAGCTCGGTGAGATCCCGGCTGACTTCTTTGTGGACATTGTCTCCAGGACAACCTCCTCACCAGTAC  
 CTTACAGGTTTTCTTTCTTCCGCCTGCAGTGTGCTGTGGAAGCCACCTGAGGAAGAAGGCAGAAAAG  
 TTCCAAGCCACCTGACTAAGAAGTTCGCTGGGATTTACTTCAGAGCCAGAGGACTGCGCCCCAGTGG  
 TGGTGGAGCTCCCTGAGAACATCGAGACTGCCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_001106535
<b>Insert Size:</b>	1155 bp
<b>OTI Disclaimer:</b>	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).
<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_001106535.1, NP_001100005.1</u>
<b>RefSeq Size:</b>	2643 bp
<b>RefSeq ORF:</b>	1155 bp
<b>Locus ID:</b>	296312
<b>Cytogenetics:</b>	3q42