

Product datasheet for **RN213722**

Ap2a2 (NM_031008) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap2a2 (NM_031008) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap2a2
Synonyms:	MGC93391
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213722 representing NM_031008
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGCGTATCCAAGGGGGAGGGGATGCGAGGCCCTAGCGGTCTTCATCTCCGATATCCGTAAGTGA
 AAAGTAAAGAAGCTGAAATAAAGAGGATAAATAAGGAGCTGGCAAATATTAGATCAAATTTAAAGGTGA
 CAAGGCTCTTGATGGCTACAGTAAGAAGAAGTATGTCTGCAAGTTACTCTTCATCTTTCTCCTTGTCAT
 GACATTGACTTTGGACACATGGAAGCTGTGAATCTTCTGAGCTCAAACAGATACACGGAAAAGCAGATCG
 GCTACCTTTTCATCTCTGTATTGGTGAATTCAAATAGTGAAGTATCCGGTTGATTAACAATGCCATCAA
 GAATGACCTGGCCAGCCGAATCTACATTTATGGGTCTGGCCCTGCACTGCATCGCCAATGTGGGTAGC
 CGTGAGATGGCAGAGGCTTCGCTGGAGAGATCCCAAGATCCTGGTGGCAGGAGATACCATGGACAGTG
 TGAAGCAGAGCGCAGCCCTGTGCTTGTTCGCGCTGTACAGGACGTACCTGACCTAGTTCCTATGGCGA
 CTGGACATCCCGTGTGGTACACCTCCTCAATGACCAGCACTTGGGTGTAGTACTGCCCAACTAGCCTC
 ATCACCACACTGGCCAGAAATCCTGAGGAGTCAAGACCTCTGTCTCTAGCTGTCTCTCGACTGA
 GCAGAATTGTGACGTCCGCGTCAACAGATCTTCAGGATTACTTACTACTTTGTCCCGGCTCCTTGGCT
 GTCAGTCAAATCTGAGACTGCTGCAAGTACCACCCCGAAGACCTGCGGTGCGTGGCCGCTG
 ACTGAGTGCTTGGAGACCATCTGAATAAGGCCAGGAGCCCCCAAGTCCAAGAAAAGTCCAGCATTCAA
 ATGCCAAGAACGCTGTGCTGTTTGGGCCATCAGCCTCATCATCCACCATGACAGTGAGCCCAACCTCCT
 GGTCCGTGCCGCAACCAGCTGGCCAGTTCCTGCAGCATCGGGAGACAAACCTGCGCTACCTGGCTCTG
 GAGAGCATGTGCACACTGGCCAGCTCTGAGTCTCTCACGAGGCTGTCAAGACCCACATCGAGACTGTCA
 TCAATGCCTTGAAGACGGAACGAGATGTGAGTGTGCGGCAGCGGCAGTGGACCTGCTCTACGCCATGTG
 CGACCGAAGCAACGCCAGCAGATTGTGGCTGAGATGCTGAGCTACCTAGAAACAGCTGACTACTCCATC
 CGGGAGGAAATTGTGCTGAAGGTGGCCATCCTTGTGAGAAGTATGCAAGTGGACTACACTTGGTATGTGG
 ACACCATCTCAACCTCATCCGATTGCAGGCGACTATGTGAGCGAAGAGGTGTGGTACCGCGTCAATCCA
 GATTGTCAATCGCGATGATGTGAGGGTTATGCTGCCAAGACGGTGTGGTGGAGCATTGCAGGCTCCA
 GCATGTCAAGAACTTGGTCAAAGTGGGCGGCTACATCTGGGCGAGTTTGGAACTTGTAGCGGGAG
 ACCCACGATCCAGCCCTCTGATCCAGTTCAACCTGCTCCACTCCAAGTTCACCTTGTGCAGCGTCCCCAC
 TCGGGCACTCCTGCTGTCCACCTACATCAAGTTCGTGAACCTCTTCCAGAGGTAAGGCTACCATTGAG
 GACGTGCTGCGCAGTACAGCCAACTGAAGAACGAGATGTGGAGCTGCAGCAGCGGGCTGTGGAGTACC
 TGGCACTGAGTACTGTTGCCAGCACTGATATCCTGGCAACTGTCTGGAAGAAATGCCACCTTCCCTGA
 GCGTGAGTCTCCATCTTGGCCAAGCTGAAGAAGAAGAAGGGCCCAAGCAGAGTACTGACCTGGAGGAG
 ACCAAGCGTGAGCGAAGCATCGATGTGAATGGGGGCCCGAACCCGTTCCAGCCAGCACCAGTGTGCGT
 CCACACCTTCTCCATCAGCAGACCTGCTGGGTCTGGGGCCGTTCCCTGCTCCACAGGGCCCCCTCC
 CACCTCTGGCGGTGGGTTACTGGTGGACGTGTTCTCAGACTCAGCTTCTGCAGTTGCACCTCTTGACCC
 GGCTCTGAAGACAACCTTGGCAGGTTTGTGTAACAAATGGTGTGTTGTTGAAAACAGCTGCTTC
 AAATTGGACTGAAGTCAAGATTTTCGGCAGAAATTTAGTTCGAATGTTTATGTTGAAACAGCTGCTTC
 CAGCAGTTCCTAACTTCACTCCAACACTAATCTGTGCTGACGACCTTCAGACTAATCTGAACCTGCAG
 ACTAAGCCCGTGGACCCAACTGTGGATGGGGCGCACAGGTGCAACAGGTGGTCAACATTGAGTGTATAT
 CTGATTTACAGAGGCACCTGTCTCAACATCCAGTTCAGGTATGGTGGTACCTTCCAGAATGTGCTGT
 TAAGCTTCCCCTCACTCTCAACAAATTTTCCAGCCACAGAAATGGCTTCTCAGGATTTCTTCAACGT
 TGGAAAGCAGTTGAGCAATCCACAGCAAGAAGTGCAGAATATCTTCAAAGCAAAGCATCCGATGGACACAG
 AAATCACTAAAGCGAAGATTATTGGATTGGTTCTGCGCTCCTGGAAAGAGTTGATCCAAACCTGCAAA
 TTTTGTGGGTGCTGGCATAATACATAACAAAACCCAGATCGGCTGCTTGTTCGCGCTGGAGCCAAAC
 CTGCAAGCTCAGATGTACAGACTCACCTTGGTACCAGCAAAGACACCGTCTCTCAGAGACTATGTGAAT
 TGCTGTCCGAACAGTTC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_031008
Insert Size:	2820 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).
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:	NM_031008.2 , NP_112270.2
RefSeq Size:	3258 bp
RefSeq ORF:	2820 bp
Locus ID:	81637
Cytogenetics:	1q41
Gene Summary:	alpha c large chain of the clathrin associated protein complex [RGD, Feb 2006]