

Product datasheet for **RN211772**

Ap1g1 (NM_134460) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap1g1 (NM_134460) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap1g1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211772 representing NM_134460
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCAGCCCCATCAGATTGCGGGAGCTGATCCGGACCATCCGGACAGCCGAACCAAGCTGAGGAAC
 GAGAAATGATCCAGAAAGAATGTCTGCGATCCGGTCATCATTACAGAGAAGAAGACAATACATACCGGTG
 TCGGAATGTGGCAAAGTTACTATATATGCACATGCTGGGCTACCTGCTCACTTTGGACAGTTGGAGTGC
 CTCAAGCTAATCGCCTCACAAAAGTTCACAGACAAACGCATTGGCTATTTAGGAGCAATGCTGTTATTAG
 ATGAAAGACAAGACGTACATCTTCTCATGACCAATTGTATCAAGAATGATCTTAATCATAGCACGCAGTT
 TGTGCAGGGACTAGCACTTTGTACCCTTGGCTGCATGGGCTCCTCAGAGATGTGCAGAGATCTTGCAGGA
 GAGGTAGAGAAGCTTCTGAAAACCTCCAACCTTACTTAAAGAAAAAGGCAGCACTGTGTCTGTTACCG
 TCATCAGGAAGGTTCTGAACCTTATGGAGATGTTTTACCAGCAACAAAAATTTATTGAATGAGAAGAA
 CCATGGTGTCTTACACGTCTGTAGTCTCCTCACAGAGATGTGTGAACGGAGCCAGACATGCTCGCA
 CATTTCAGAAAAGCTTGTGCCCAATTAGTTCGTATTCTAAAGAACCTCATCATGTCCGGATATCCCCAG
 AACATGATGTTTCTGGTATCAGTGACCCCTTTTTGCAGGTACGAATTTTGCGGTTATTAAGAATTTTAGG
 ACGGAATGATGATGATCAAGCGAAGCTATGAATGATATATTAGCACAGGTCGCCACTAATACAGAGACC
 AGTAAGAATGTAGGGAATGCTATTCTGTATGAAACGGTTTTGACTATCATGGATATTAATACAGAGAGTG
 GATTGCGTGTCTAGCCATAAATATTCTTGGTCGATTCTTATTGAACAATGACAAAAATATTAGATATGT
 TGCTCTGACATCTCTGTTGAAGACTGTGCAGACAGATCATAATGCTGTACAGAGGCATAGAAGCACAAAT
 GTGGACTGTCTAAAAGATCTGGATGTCTCCATAAAAAGACGTGCAATGGAATTGAGTTTTGCCCTGGTGA
 ATGGGAATAATATCCGAGGCATGATGAAGGAGTTACTTTATTTTTCTGGATTCTTGTGAACCAGAATTTAA
 AGCGGATTGTGCATCTGGAGTCTTCCTTGTCTGAGAAAAGTACGCACCTTCCAAACGGTGGCATATAGAT
 ACAATTATGCGTGTCTTGACAACGGCAGGAAGTTATGTTGCGTGTGATGCAGTCCCAACTTGATTCACT
 TAATAACCAACAGTGTGGAGATGCACGCTTACACCGTCCAGCGCTGTACAAGGCAATCTCGGTGATTA
 TTCTCAACAACCTTGGTACAGGTGGCCGCATGGTGTATAGGTGAATATGGTGTCTCTTGTGTCTGGC
 CAGTGTGAAGAGGAAGAGCCTATTCAGGTGACAGAAGTGAAGTGTGGATATTTTAGAAAGTGTCTGTA
 TCTCTAATATGTCTACCTCTGTGACAAGAGTTATGCTCTCACTGCCATTATGAAGCTGTCTACTCGATT
 CACCTGTACTGTAAACCGAATTAAGAAAGTAGTTCCATCTATGGAAGCAGCATCGACGTAGAGCTCCAA
 CAGAGGGCAGTAGAATACAATGCACTTTTTAAGAAGTATGACCACATGAGGTCTGCCCTACTTGAAGAA
 TGCTGTGATGAAAAAGTGACCACAAATGGCCCTTCTGAGATTGTGCAGACAAATGGAGAGACAGAACC
 AGCTCCACTAGAGACTAAACCACCACCCTCTGGGCCACAACCCACGAGCCAGGCCAATGATCTATTGGAC
 CTGTTGGGAGGAAATGACATAACACCTGTTATTCCAACCTGCACCTACAAGCAAACCCAGCGTCTGCTGGT
 GGGAGCTTCTTGACTTGTGGGAGACATCACCTAACAGGTGCTCCAGCTGCTGCTCCACCCCTGCCTC
 AGTGCCACAGATAACCCAGCCCCATTCTTGTGGATGGGCTTTCGTACAGCCTCTCTTCAATGACATC
 GCTCCAGGCATCCCCTCCATCACAGCGTACAGTAAGAACGGCTTGAAGATAGAATCACCTTTGAGCGGT
 CAAACACCAACCCAGTGAACAGTGATAACGATACAGGCCTCTAACAGCACAGAGCTAGACATGACGGA
 CTTTGTTCAGGCTGCAGTACCAAGACATTCAGCTGCAGCTTCTGTCTCTAGCAGCAGCGTCTGTC
 CCAGCCTTAAATACAGGGACCATCACACAAGTCAATAAAGTTCTGAACCCACAGAAGCAACAGCTGCGAA
 TCGCGATCAAGCTCACATACAATACAAGGGCTCAGCAATGCAGGATCTGCAGAAAGTGAACAATTTCC
 CCTCAGTCTGGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_134460
Insert Size: 2469 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_134460.1 , NP_604455.1
RefSeq Size:	3666 bp
RefSeq ORF:	2469 bp
Locus ID:	171494
Cytogenetics:	19q12
Gene Summary:	may play a role in directing proteins to clathrin-coated vesicles [RGD, Feb 2006]