

Product datasheet for RN212919

Aprt (NM_001013061) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aprt (NM_001013061) Rat Untagged Clone
Tag: Tag Free
Symbol: Aprt
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212919 representing NM_001013061
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCGAATCTGAGTTGCAGCTGGTGGCGGGCGCATCCGCAGCTTCCCGACTTCCCATCCCGGGCG
TGCTGTTACAGGGATATCTCGCCCTCTTGAAGATCCGGACTCCTCCGAGCTTCCATCCGCTCCTGGC
CGGTCACCTGAAGTCCACGCACGGCGGCAAGATCGACTACATCGCAGGTCTGGACTCCAGGGCTTCTGT
TTTGGCCCTTCCCTTGTCTCAGGAGCTGGGGTGGGCTGTGTGCTCATCCGTAAGCGGGGAAGCTACCAG
GCCCACTGTATCAGCCTCTATTCTCTAGAGTATGGAAGGCTGAGCTGAAATCCAGAAAGATGCCTT
AGAACCGGGCAGAAAGTGGTCATTGTGGATGATCTCCTGGCACTGGAGGAACCATGTGTGCAGCCTGT
GAGCTGTGAGCCAGCTGCGGGCTGAGGTGGTGGAGTGTGTGAGCCTGGTGGAGCTGACCTCCCTGAAGG
GCAGGGAGAAGCTGGACCTGTGCCATTCTCTCTCCTGCAGTATGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_001013061
Insert Size: 543 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:

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_001013061.1](#), [NP_001013079.1](#)

RefSeq Size: 543 bp

RefSeq ORF: 543 bp

Locus ID: 292072

UniProt ID: [P36972](#)

Cytogenetics: 19q12

Gene Summary: Catalyzes a salvage reaction resulting in the formation of AMP, that is energetically less costly than de novo synthesis.[UniProtKB/Swiss-Prot Function]