

Product datasheet for **MC200408**

Aprt (NM_009698) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aprt (NM_009698) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aprt
Synonyms:	C85684
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC005667 sequence for NM_009698 CACGCACGCGGCCATGTCGGAACCTGAGTTGAACTGGTGGCGCGGCATCCGAGCTTCCCCGACTTCC CCAATCCCGGGCGTGCTGTTTCAGGGATATCTCGCCCCTTTGAAAGACCCGGACTCCTTCCGAGCTTCCA TCCGCCTTTGGCCAGTCACCTGAAGTCCACGCACAGCGCAAGATCGACTACATCGCAGGTCTAGACTC CAGGGGCTTCTGTTTGGCCCTTCCCTAGCTCAGGAGCTGGGCGTGGGCTGTGTGCTCATCCGAAACAG GGGAAGCTGCCGGGCCCACTGTGTGACCTCCTATTCTCTGGAGTATGGGAAGGCTGAGCTGAAAATCC AGAAAGATGCCTTGAACCCGGGCAGAGAGTGGTCATTGTGGATGACCTCCTGGCCACAGGAGGAACCAT GTTTGGCGCTGTGACCTGCTGCACCAGCTCCGGGCTGAAGTGGTGGAGTGTGTGAGCCTGGTGGAGCTG ACCTCGTGAAGGGCAGGGAGAGGCTAGGACCTATACCATTCTTCTCTCTCCTCCAGTATGACTGAGGAG CTGGCTAGATGGTCACACCCTGCTCCCAGCAGCACCAGGAAGTCTTGGTGGCTCAGCCAGGCGCCTA AGTGACCTTTGTGAGCTACCGGCCGCCCTTTTGTGAGTGTATCACTCATTCTTGGTTCAGCTGATCCG CCGTGCCTGTGGACCCCTGGATCCTTGTACTTTGTACACGTGCCACACACCTGGAGCATAGCAGAGCTG TGCTACTGGAGATCAATAAACCGTTTTGATATGCAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_009698
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).



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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: [BC005667](#), [AAH05667](#)

RefSeq Size: 820 bp

RefSeq ORF: 543 bp

Locus ID: 11821

UniProt ID: [P08030](#)

Cytogenetics: 8 71.91 cM

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]