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Product datasheet for SC202723

APRT (NM_000485) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	APRT (NM_000485) Human 3' UTR Clone
Symbol:	APRT
Synonyms:	AMP; APRTD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000485
Insert Size:	389 bp
Insert Sequence:	>SC202723 3'UTR clone of NM_000485 The sequence shown below is from the reference sequence of NM_000485. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCTTCTTCTCTCTCCTGCAGTATGAGTGACCACAGGGCCTCCCAGCCCAACATCTCCAGCTGGATCCC AGGGAAATATCAGCCTTGGGCAACTGCAGTGACCAGGGGCACCGGCTGCCCACAGGGAACACATTCCTT TGCTGGGGTTCAGCGCCTCTCCTGGGGCTGGAAGTGCCAAAGCCTGGGGCAAAGCTGTGTTTCAGCCAC ACTGAACCCAATTACACACAGCGGGAGAACGCAGTAAACAGCTTTCCCACAAGAGCCGTCTCCTGTCCT CCTGTTCCCCAGGGCAGGGAGCCCCAGGACAACACCAGACTTCAGCTGTACTGTGGGCATGTGCTGCTT GGCGTGATGCCCAGCAGAACCTGTCCTGGTTCTCACCTCAGGAG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq:	NM_000485.3
Summary:	Adenine phosphoribosyltransferase belongs to the purine/pyrimidine phosphoribosyltransferase family. A conserved feature of this gene is the distribution of CpG dinucleotides. This enzyme catalyzes the formation of AMP and inorganic pyrophosphate from adenine and 5-phosphoribosyl-1-pyrophosphate (PRPP). It also produces adenine as a by-product of the polyamine biosynthesis pathway. A homozygous deficiency in this enzyme causes 2,8-dihydroxyadenine urolithiasis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	353
MW:	14.2