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Product datasheet for SC204503

Adenine Nucleotide Translocator 2 (SLC25A5) (NM_001152) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Adenine Nucleotide Translocator 2 (SLC25A5) (NM_001152) Human 3' UTR Clone
Symbol:	Adenine Nucleotide Translocator 2
Synonyms:	2F1; AAC2; ANT2; T2; T3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001152
Insert Size:	368 bp
Insert Sequence:	>SC204503 3'UTR clone of NM_001152 The sequence shown below is from the reference sequence of NM_001152. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTGTATGATGAAATCAAGAAGTACACATAAGTTATTTCCTAGGATTTTTCCCCCTGTGAACAGGCATGT TGTATTATATAACATATCTTGAGCATTCTTGACAGACTCCTGGCTGTCAGTTTCTCAGTGGCAACTATT TACTGGTTGAAAATGGGAAGCAATAATATTCATCTGACCAGTTTTCTCTTAAAGCCATTTCCATGATGA TGATGATGGGACTCAATTGTATTTTTTATTTCAGTCACTCCTGATAAATAACAAATTTGGAGAAATAAA AATATCTAAAATAAATTTTGTCTGCAGTATATTTTCATATAAAAATGCATATTTGAGTGCTACATTCGA ATAAATACTACCTTTTTAGTGAA 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.

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RefSeq:	NM_001152.5
Summary:	This gene is a member of the mitochondrial carrier subfamily of solute carrier protein genes. The product of this gene functions as a gated pore that translocates ADP from the cytoplasm into the mitochondrial matrix and ATP from the mitochondrial matrix into the cytoplasm. The protein forms a homodimer embedded in the inner mitochondria membrane. Suppressed expression of this gene has been shown to induce apoptosis and inhibit tumor growth. The human genome contains several non-transcribed pseudogenes of this gene.[provided by RefSeq, Jun 2013]
Locus ID:	292
MW:	14.4