

Product datasheet for SC204503

OriGene Technologies, Inc.

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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

ATAAATACTACCTTTTTAGTGAA

ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA

CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: Sgfl-Mlul

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

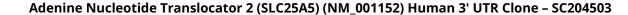
polymorphisms (SNPs).

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.





RefSeq: <u>NM 001152.5</u>

ORIGENE

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