

Product datasheet for **SC216053**

AMPD3 (NM_000480) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AMPD3 (NM_000480) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AMPD3
ACCN:	NM_000480
Insert Size:	1725 bp



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Insert Sequence: >SC216053 3'UTR clone of NM_000480
 The sequence shown below is from the reference sequence of NM_000480. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGAAGAGATCACCGCCTTGACCAACTAGGTCCAGCATTGACATGCATTTAACTTTTTGGTTCAAT
TTCAAGTCTGCTGTGGCTAATAGTGGTCAAGATCCGAAGTAGGACTTTCCTCTGTGAAGAGGATGCCT
CTGAAGAAATTTAACTGGTGATTTTGGTTGCACTGCTCACTTTAAGAGTTAACATGCTCACTTGTTA
GTATTTCTGAGTAACAAGATGGTGACTTCTCCTGGGGATCTGGGAGCTGAGCACTTGTCTATACTTGT
TCCTAATTTTCCAAGTATTTCTTGAAGTCCAGTGCCTGAAGTGTGGGGCCAGGATTTTCCCTGG
TCAGATGCCAAGTAACATGTGGTTTTCTGCCATACTTTTCTCCATTGGCCAGGAGGCTAATTGGTAG
TTGTTTCAATTTAGCCTCTGGATGGCTGGCTGCCTTAAACACAATCAATTTCAAAGCTCCATTTTCAAAA
GGGGCTACTTTGAAGGAGTTAAGATGGAAGACTTCTTCTTGACAAATTGTGTTTTAGTGAATTTCTT
AAACCGTTTTATTAGCCCTCCTTCCCTCTTCTAGTTGGAAGCCAAATGTAATCATGAAAACAGCCAC
TCCTATTTCTGAGTCTTGGTTTTCTCACCTAGAAAGTGAGGGTTTTGGACTAGATGAGTGGCTTTCAGGGT
GTTCTGTGAATCTCCTCATGAATACTTTAGGGTAGGGGAGGGAAGGGAGTGAGTGATGCTCAGGGGCTG
TCAAAGTGACTGCGTTCATCAGTTTTACTGGGGCTGTACATAAATTTTTCAATTTGAACGAAGAAGT
TCAAAAAGCACAGGACTAGATGATCTCTGTTTCTTTGGCTCTAATATGCTACAAGTGTAGGCCAATTA
TAGGCCTAAACTGGATTTCCCTTATTCCAATCCTGTCTTTTCCCACTATTCCATTAGACCCCAAAAT
GTTAGTTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT
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GTGCTCAATAAATGCATATTGAATAACTAAGTGAATTTCTTTGGCAACTTTTTAAGGACATGTGCTCT
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TTTTTGAATCATTATAGTTAGAAGAAGAATCCAGTTTCTGCTGTGAAGTATTTGACTTTAGATTGTC
TCATCTTGTGACTTTATAATGCCTGTCCCTCCACTGGTCAATTCAGCATATGGAAGTATAAATGCAGT
CTTTTTACTAGGCAGATATATATGCTATCTTACAGCTAATATGAAATTGAATGAAAATCCATTGTTAT
CTTAGGGATTAGTTTTGAAAAGCCCCGTTTATATACATTTGCCCTAACATAGGAAGTATTGTGTAGTT
TCTCATTGTCATTTTATCTGTATCAAGTATCTTTTTTAAATTGTTAAATAAAGTCAGCTAGGACTGTG
ACGCGTAAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-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.

RefSeq: [NM_000480.3](#)

Summary:

This gene encodes a member of the AMP deaminase gene family. The encoded protein is a highly regulated enzyme that catalyzes the hydrolytic deamination of adenosine monophosphate to inosine monophosphate, a branch point in the adenylate catabolic pathway. This gene encodes the erythrocyte (E) isoforms, whereas other family members encode isoforms that predominate in muscle (M) and liver (L) cells. Mutations in this gene lead to the clinically asymptomatic, autosomal recessive condition erythrocyte AMP deaminase deficiency. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq, Jul 2008]

Locus ID:

272

MW:

65.3