

Product datasheet for **SC216054**

AMPD3 (NM_001025390) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AMPD3 (NM_001025390) Human 3' UTR Clone
Symbol:	AMPD3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001025390
Insert Size:	1725 bp



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Insert Sequence:

>SC216054 3'UTR clone of NM_001025390

The sequence shown below is from the reference sequence of NM_001025390. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCAGAAGAGATCACCGCCTTGACCAACTAGGTCCAGCATTGACATGCATTTAACTTTTTGGTTCAAT
TTCAAGTCTGCTGTGGCTAATAGTGGTCAAGATCCGAAGTAGGACTTTCTCTGTGAAGAGGATGCCT
CTGAAGAAATTTAACTGGTGAATTTGGTTGCACTGCTCACTTTAAGAGTTAACATGCTCACTTGTTA
GTATTTCTGAGTAAAGATGGTGAATTTCTCTGGGATCTGGGAGCTGAGCACTTGCTATACTTGT
TCCTAATTTCCAAAGTATTTCTCTTGAACAGTCCAGTGCCTGAAGTGTGGGGCCAGGATTTCCCTGG
TCAGATGCCAAGTAACATGTGGTCTTTCGCATACTTTCTCCATTGGCCAGGAGGCTAATTGGTAG
TTGTTCAATTCAGCCTCTGGATGGCTGGCTGCCTTAAACACAATCAATTTCAAAGCTCCATTTCAAAA
GGGGCTACTTTGAAGGAGTTAAGATGGAAGACTTCTTCTTGACAAATTGTGTTTTAGTGAATTTCTT
AAACCGTTTTATTAGCCCTCTTCCCTCTTCTAGTTGGAAGCCAAATGTAATCATGAAAACAGCCAC
TCCTATTCTGAGTCTTGGTTTTCTCACCTAGAAAGTGAGGGTTTGGACTAGATGAGTGGCTTTCAGGGT
GTTCTGTGAATCTCCTCATGAATACTTTAGGGTAGGGGAGGGAAGGGAGTGAGTGATGCTCAGGGCTG
TCAAAGTGACTGCGTTCATCAGTTTTACTGTTGCTGCTACATAATAATTTTCAATTTGAACGAAGAACT
TCAAAAAGCACAGGACTAGATGATCTCTGTTTCTTTTGGCTCTAATATGCTACAAGTGTAGGCCAATTA
TAGGCCTAAACTGGATTTCCCTTATCCAAATCTGTCTTTTCCCCTACTTCCATTAGACCCACAAT
GTTAGTTGTGTGTGTGTGTGTGTGTGTTTTTAATCACTGTAACCGGATGCATTTTTTAAAGCAAAT
TCTCCCTTATCTACTATGATGACTTCAGAAGATACAATGGTCCCAGGGGCCAAGTAGAAAAGCATTTTTA
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GTGCTCAATAAATGCATATTGAATAAAGTGAATTTCTTTTGGCAACTTTTTAAGGACATGTGCTCT
TAGTACTTAAGAGGCTGCTCAAGGACCTTCTATCTATTTCTGTGGTCAAATTCAGACTACAGGAGGTC
TTTTTGAATCATTATAGTTAGAAGAAGAATCCAGTTTCTGCTGTGAATTTGACTTTAGATTGTC
TCATCTTGTGACTTTATAATGCCTGTCCCCTCCACTGGTCAATTCAGCATATGGAAGTATAAATGCAGT
CTTTTTACTAGGCAGATATATGCTATCTTACAGCTAATATGAAATTGAATGAAAATCCATTGTTAT
CTTAGGGATTAGTTTTGAAAAGCCCCGTTTATATACATTTGCCCTAACATAGGAAGTATTGTGTAGTT
TCTCATTGTCATTTATCTGTATCAAGTATCTTTTTTAAATTGTAAATAAAGTCAGCTAGGACTGTG
ACGCGTAAGCGGCCCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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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:

[NM_001025390.2](#)

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