

Product datasheet for **SC216521**

AASDHPPT (NM_015423) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	AASDHPPT (NM_015423) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AASDHPPT
Synonyms:	AASD-PPT; ACPS; CGI-80; LYS2; LYS5
ACCN:	NM_015423
Insert Size:	1818 bp



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Insert Sequence: >SC216521 3'UTR clone of NM_015423
The sequence shown below is from the reference sequence of NM_015423. 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
ATTCCAATACGAAATGGTACAAAGTCAATGATGATCCCTGAGTAACAAAGGAAATGAAAAGTGTGTTGT
GATCTTCCGTATTCAGTAAAAATAAATGCTTGTGTTAGTATCAAATTTTATTTACGAAAGTTTTTTTA
AAGAACAGAACTTTTCCAATTAATAAAAAAAAAAGCAGACTTCTGGTTCAAGATAGCTCACTGGAATACA
TGTTTACCTCTTTCTTCTAAATTGCATTGAATTGATAGGAAGGATGGCGGAATCTTAAAGTGATACA
TGCTAACTGTAGAAAAAATAGAAAATGCACATAAGCAAAGGAAACATTTAAATGCTATCTTTCAAAG
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TTTGATTTTTTAAAAACATGGAACGTAAGTGTGTTGTAATTTCTTTTAACTGCACATCTACTGTTCA
TAAATATACCTCTGTAACATAACTTTTTGTGGTCTAATGTAAGTCTGTTGTATAGCTAATACAAGTTAG
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TAACACAGGGTTCAGGGGTGTCATTAAGACACACTTTTTTGCCTTGACCTCAGTTGGTTGTTTTGC
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TGATCTCAAAGGCAGAAAGGCCATTTTCGTCTCTCATTGTTTTATCCATGAGGAAGATTTTAAACAA
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CATTTTTGGTCTCTGTTAGAAGTAGACTCTGTTGAAAAGAAAGAAAGCTAAGCTAGGTGTGAAGAATGGA
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AAAATTTGATTTCTTTTATTACAATAAGATTGTTATGTCAGTATTGTTATTGGCTTTTCGTATTCTC
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GTGAACCTAATATATAAGATGCCAGGACCATCATATTGATGACAAAAATCTATTATGTGGTTGTAGTGC
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AAGTGTGCAAATGTATAAAATAGGTAAGTCTGATTAGTAAAAGAAAAAATTTGAAATGTTTTTTTTT
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GAAGTATTGTTATCCCTAGCATGAGTGAATGGTATGAAAAACTTTGTCTTGTCAATTATAATAATA
AAAAATGAACATTTATTATGGAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCACCGCCGCTTCTATGAAAGG
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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_015423.3](#)

Summary: The protein encoded by this gene is similar to *Saccharomyces cerevisiae* LYS5, which is required for the activation of the alpha-amino adipate dehydrogenase in the biosynthetic pathway of lysine. Yeast alpha-amino adipate dehydrogenase converts alpha-biosynthetic-amino adipate semialdehyde to alpha-amino adipate. It has been suggested that defects in the human gene result in pipecolic acidemia. [provided by RefSeq, Jul 2008]

Locus ID: 60496

MW: 70