

## Product datasheet for **SC204442**

### ASPA (NM\_000049) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ASPA (NM_000049) Human 3' UTR Clone
Symbol:	ASPA
Synonyms:	ACY2; ASP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000049
Insert Size:	2000 bp



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**Insert Sequence:** >SC204442 3'UTR clone of NM\_000049  
 The sequence shown below is from the reference sequence of NM\_000049. 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
GCAAAAAGTATTCGCTGCTGTTTACATTAGAAATCACTTCCAGCTTACATCTTACACGGTGTCTTACAA
ATTCTGCTAGTCTGTAAGCTCCTTAAGAGTAGGGTTGTGCCTTATTCAACTGCATACATAGCTCCTAGC
ACAGTGCCTTATTCGGTAGGCATCTAAGCACATTTCTAAATTAATTAATATATCTTTAAAGATATCAT
ATTTTATGTATGTAGCTTATTCAAAGAAGTGTTCCTATTTCTATATAGTTTATTATACATGATACTTG
GGTAGCTCAACATTCTTAATAAACAGCCTTTGTATTGAGAAATATAAAATGAAATAGATATATAAAG
TTATTTGTTTTATTGTGCTTTGCCTTACTACACTTACAGGATACTGTACTTGTACTTTTTTTCCAAATT
GAAGGTTTTTGGCAACCCTGTGCTAGAAAGTCTAACAGTGCCATGTTTCCAACAGCATGTGCTCACTC
CTTGCTCTGTGTCACCCCTTGTATAATTTCAAGCTTTTTTATGATTTATTTATATATCTGCTATGG
TGATCTGTGATCAGTGGCCTTTGATGTTACTGTTGTTAAGTGTGTTGGGGCACCATGAATCGTGCCCAT
GTGAGACTGCGAACTTAGTGAATGTTGTGTGAGTTCTAACTGCTCTACTGACCGCCATTTCCTTGCTCT
CTCTCCCTGTCCTCTGGCCTCCCTGTTCCCTGAGACACAATAATTAATAAGTCTACAGCAGACTCTGTG
TGTTCAAGTAAAAGAAAGGGTCACTTCTAGAAATTAAGCTTAGTAAGGAAGGCATGTCAAAGCTGA
GACAGGCTGAAAGCTAGGCCTCTTGCACTGGTTAGCCAAGTTGTGAATTCAAAGAAAAGGATCTTGAAG
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TGGAGACAGTTTTAGTGGTCTGGATAGAAGATCAAACCAGCCACACATTAAGCCAAGCATGACCCACA
GCAAGGCCCTAACTCTTCAATTTCTGTAAGGCTGAGAGAGGTGAGGAAGCTGCAGGAAGCTGGGAGA
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TGCTGATGTGGAAGCTGTAGCAAGTTATCCAGAAGATGTAGCTAAAATCATTGACAAAGATGGCTACAC
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AGCTAGAGGGGAGAAATGAATGCCTAGCTTCAAAGCTTCAAAGGACAGCCTGACTCTCTTAAAGACTAA
CACAGCTGGTACTTTGGGTTAAAGCCAAAGCTCATTAACTGTTTCAAAAATCCTAAAACCTTGTTTTT
TTGTTTTTTTTTTGAGACGGAGTCTTGCTGTGCTCCAGGCTGGAGTGCAGTGGCGCAACTCGGCTC
ACTGCAAGCTCCGCTCCAGGTTTCATGCCATTCTCCTGCCTCAGCCTCCCAAGTGCAGTGGGATTACAG
GTGCTGCCACCACGCCCGGCTAATTTTTTGCATTTTTTTAGTAGAGATGGGTTTCACTCTGCTAGCC
AGGATGGTCTCGATCTCCTGACCTCATGATCCGCTGCCTCGGCCTCCCAAGTGCAGTGGGATTACAGGC
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CTCTATAAATGGAACAACAAAGCCTCGCTGGCAGCACATCTGTTTGCAGCATGGTTTACTGTATATTTT
AAGCCACTGTTGAGACCTACTGCTTGGGAAAAAAAAAAATTCCTTTCAAATACTACTGCTGATTGAC
AATACACCATGTTACCAAGAGCTCTGCTGGAGATGTGCGAAGAGATTAGCATTGTTTTTCGCGCCTGC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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.

**RefSeq:** [NM\\_000049.4](#)

**Summary:** This gene encodes an enzyme that catalyzes the conversion of N-acetyl\_L-aspartic acid (NAA) to aspartate and acetate. NAA is abundant in the brain where hydrolysis by aspartoacylase is thought to help maintain white matter. This protein is an NAA scavenger in other tissues. Mutations in this gene cause Canavan disease. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 443

**MW:** 75.7