

Product datasheet for **SC204444**

ASPA (NM_001128085) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ASPA (NM_001128085) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ASPA
Synonyms:	ACY2; ASP
ACCN:	NM_001128085
Insert Size:	365 bp
Insert Sequence:	>SC204444 3'UTR clone of NM_001128085 The sequence shown below is from the reference sequence of NM_001128085. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GCAAAAAGTATTGCTGCTGTTTACATTAGAAATCACTTCCAGCTTACATCTTACACGGTGTCTTACAA ATTCTGCTAGTCTGTAAGCTCCTAAGAGTAGGGTTGTGCCTTATTCAACTGCATACATAGCTCCTAGC ACAGTGCCTTATTCGGTAGGCATCTAAGCAAATTTCTTAAATTAATTAATATATCTTTAAAGATATCAT ATTTTATGTATGTAGCTTATTCAAAGAAGTGTTCCTATTTCTATATAGTTTATTATACATGATACTTG GGTAGCTCAACATTCTTAATAAACAGCCTTGTATTGAGAATATAAAATTGAAATAGATATATATAAAG TTAAAAAAAAAAAAAAAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG 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_001128085.1



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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: 14