

Product datasheet for **SC201262**

ARSA (NM_001085428) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ARSA (NM_001085428) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ARSA
Synonyms:	ASA; MLD
ACCN:	NM_001085428
Insert Size:	2000 bp



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Insert Sequence: >SC201262 3'UTR clone of NM_001085428
 The sequence shown below is from the reference sequence of NM_001085428. 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
TGCTGCCATTGCCAGATCCCCATGCCAGGGCCCTCGGCTGGCCTGGGCATGTGATGGCTCCTCAC
TGGGAGCCTGTGGGGGAGGCTCAGGTGTCTGGAGGGGTTTGTGCCTGATAACGTAATAACACCAAGTGG
AGACTTGACAGATGTGACAATTCGTCGAATCCTGGGTAATGCTGTGTGCTGGTCCCGTCCCTGTGGT
ACGAATGAGGAACTGAGGTGCAGAGAGTTTCAAGACTGTACAAGATCACCCAGCCAGAAAAGAGTTG
GGCTGGGATTTGAACCCTGGTGTCTGGCTCTGGAAGCTGCCCTGGCGCCTTGGTGATCTGCGTGGGTC
AGTGCACACAGGCACACGTCAGCCTCAAGGACATGGGCACATCTGTTACAGGAGCAGCGCCACGTGCC
TTTGAGTGCCAGGAACGGGTGGGAGGGTGGGAGGGTGTGAGGGCCAGAAGACTCAGAAGATGCAAAGT
GCCTGAGAGAGACGGGATATCCCCCAGAAGAAGCATTCTTAGAGACACAGGCACTGGACCTCCTGGT
TCTTATAAGAAACCTGTCTGAAGCTGGGTGATGAGTTGCACACTCCAGGTGGGGCTAAGGGCCCTGGAG
CCCCTGTGGCTCCTAGGAAGGCACAGCAGCAGGCCCTGAGACGGCTCCTCTGGGGCCCCCTCCACCTC
CCAGGCCCTCTGCATTTACCTGTGCCACACTTCTGTCTCCTGCCTTACCTTTTGACCCACTACTAAC
GATTCTCCACCCAGCAGACAAAGTATCTCTTAAAAATATCTGTTGGCTGGGCACGGTGGCTCACGCCT
GTAATCCCAGCACTTTAGGAAGCCGAGGCGGGTGGATCACCTGAGGTGGGAGTTCGAGACCAGCCTGA
CCAACATGGAGAAACCCATCTCTACTAAAAATACAAAATTAGCCAGGTGTAGTGGTGCATCCCTGTAA
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GGCCAGGAATTCAGACCAGCCTGGGCAACATAGTGAGACCCAGCTCTAAGATTGTTTTTGTTTTTT
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GCAGTGGTACCATCTCCGCTCACTGCAACCTCCGCTCCCGGTTCCAGGGATTCTCCTGCCTCAGCCT
CCCTAGTAGTGGAACACAGGTGTGTGCTGCCATGCCAGCTAATTTTTTTTTTTTAAATAGAGACAA
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GTAGTGAGCTATAATTGTACCACTGCACTCCAGCCTCGGGGACAGAGTGAGACCTGTCTGCAAATAAA
CAAATAAAACATCAGGCTGGGCTTGAGCATCTATTCTGTCTAAAATTTTCGAGGCTTCTCAGAAGAAA
ATCCAAACCCCTTACAGTGACCCAGTTTGCCTTGAGGCCTCCACCCACACCCCTTCCCCCAGTCTT
AGGGGGTGGCCTGGCTGTTCCCTTCAACGGCAACGCTCTGCCTCCATTGTTGGCTCCTCTGCAGGGAG
GGACTGTCTGAGCACCTGCCGTGTCTGTGCAGCATGGCACACTGACGTGAGGCCACGTGCATGCCC
ACGCGTAAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCCACCAAGCGACGCCCAACCTGCCATCA
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_001085428.3](#)

Summary: The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Dec 2010]

Locus ID: 410

MW: 72.5