

Product datasheet for **SC207651**

ARSB (NM_198709) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ARSB (NM_198709) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ARSB
Synonyms: ASB; G4S; MPS6
ACCN: NM_198709
Insert Size: 605 bp
Insert Sequence: >SC207651 3'UTR clone of NM_198709
The sequence shown below is from the reference sequence of NM_198709. 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
TACTGGCCTGAGTGCTCGCTGCTGTTGTAGCTACCACCACTTTCTACTGAAGATGATAACCCAGGGCA
TAAGAAATGACTTCAGACCCAAGGTTCTGAAAGGGCCCCCTCAAGGCCTCGGGTGGCTCCTGCAGAAGTG
GCAGAAGAGGCGGGAAGTGAAGAACTGGCATCATAGGAAAAGTGCCTTCTCCAAGAAAGAAGGGGCCCC
AGGAGGCTGTCTTACTTAGATCAACCATAAACTACCACAGATGGGTCAATTTCTTATATTATTTCAAAAT
ATCTTTGAAGATGAGAATTCATTTGTGTCCTTCATAGACCAAAGTTCTTTGTGTTACCTTTTCCAAAA
GTAAATTCCTTTCCCTTTATTTCATTCCTTGTGGAAATAAAATGCAAGCCCTTTATACTTGTCTTACAGT
AATATGGCACATGTAGCTTACTTTTGTGATCCCAGTGAATAATGTTTGGAACTTTTCTTATTACCTAA
TAGCATATAGAGAAGAGTGAAGTCAGCTAAAAACAGAAATTTTGGAAAGCCATCTTCAGGAAAATGTAG
GCCAGATGCTTTCCCTCCACCTTTTTTGTACAGGCTGCCACATACAGTTTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

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 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



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RefSeq: [NM_198709.3](#)

Summary: Arylsulfatase B encoded by this gene belongs to the sulfatase family. The arylsulfatase B homodimer hydrolyzes sulfate groups of N-Acetyl-D-galactosamine, chondroitin sulfate, and dermatan sulfate. The protein is targeted to the lysosome. Mucopolysaccharidosis type VI is an autosomal recessive lysosomal storage disorder resulting from a deficiency of arylsulfatase B. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Dec 2016]

Locus ID: 411

MW: 23.3