

Product datasheet for **SC201393**

ARSF (NM_004042) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ARSF (NM_004042) Human 3' UTR Clone
Symbol:	ARSF
Synonyms:	ASF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004042
Insert Size:	201 bp
Insert Sequence:	>SC201393 3'UTR clone of NM_004042 The sequence shown below is from the reference sequence of NM_004042. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC CAGCCTCGGGTCTAACGAGAAGAGATA TA ATTACAATCAGGCTACCAGAGGAAGCCTTTGGTCTAACG AGAAGAGATAATTACAATCAGGCTACCAAAGGAAGCACTAACTTTGGTGCTTTCAAGTTGGCAAGGAGT GCATTTAATAGTCAATAAATTCATCTACCATTCCAGATTATTAAGGCCCACTGGTTGTTCCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_004042.5</u>



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Summary:

This gene is a member of the sulfatase family, and more specifically, the arylsulfatase subfamily. Members of the subfamily share similarity in sequence and splice sites, and are clustered together on chromosome X, suggesting that they are derived from recent gene duplication events. Sulfatases are essential for the correct composition of bone and cartilage matrix. The activity of this protein, unlike that of arylsulfatase E, is not inhibited by warfarin. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jan 2011]

Locus ID:

416

MW:

7.6