

Product datasheet for **SC329632**

ARSF (NM_001201538) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: ARSF (NM_001201538) Human Untagged Clone
Tag: Tag Free
Symbol: ARSF
Synonyms: ASF
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329632 representing NM_001201538.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGAGGCCAGGAGACCCTTGGTCTTCATGTCTTTGGTGTGTGCACTCTTGAACACATGCCAGGCACAC
AGGGTGCATGACGACAAGCCTAATATTGTCCTAATCATGGTTGATGACCTGGGTATTGGAGATCTGGGC
TGCTACGGCAATGACACCATGAGGACGCCTCACATCGACCGCCTTGCCAGGGAAGCGTGCAGTACTGACT
CAGCACATCTCTGCCCTCCCTCTGCAGCCCAAGCCGGTCCGCGTTCTTGACGGGAAGATACCCCATC
CGATCAGGTATGGTTTCTAGTGGTAATAGACGTGTCTCAAAAATCTTGACGTCGCCGAGGCTCCCT
CTTAATGAGACAACACTTGCAGCCTTGTAAGAAGCAAGGATACAGCACGGGGCTTATAGCAAATGG
CACCAAGGCTTGAAGTGGACTCCCGAAGTGACCAAGTGCACCATCCATATAATTATGGGTTGACTAC
TACTATGGCATGCCGTTCACTCTCGTTGACAGCTGCTGGCCGGACCCCTCTCGTAACACGGAATTAGCC
TTTGAGAGTCAGCTCTGGCTCTGTGTGACAGTGTGATGGCATTGCCATCCTCACCTAACCTTTGGGAAG
CTGAGCGGCTGGGTCTCTGTTCCCTGGCTCCTGATCTTCTCCATGATTCTGTTTATTTTCTCTTGGGC
TATGCTTGGTTCTCCAGCCACACGTCCCCTTTATACTGGGACTGCCTCCTCATGCGGGGGCAGGAGATC
ACGGAGCAGCCCATGAAGGCTGAACGAGCTGGATCCATTATGGTGAAGGAAGCGATTTCTTTTTAGAA
AGGCACAGTAAGGAACTTTCTTCTCTTTTTCTCCTTTCTTACGTGCACACACCTCTCCCCACCAG
GACGATTTCACTGGCACCAGCAAGCATGGCTTGTATGGGATAATGTGGAAGAGATGGACTCCATGGTG
GGCAAGATTCTTGATGCTATCGATGATTTTGGCCTAAGGAACAACACCCTTGCTACTTTACATCAGAT
CACGGAGGGCATTGGAAGCTAGGCGAGGGCATGCCCAACTTGGTGGATGGAATGGAATATACAAAGGT
GGAAAAGGCATGGGGGGCTGGGAAGGTGGAATCCGCGTCCAGGAATTGCCGATGGCCTGGAAAGGTA
CCAGCTGGACGGTTGATTAAGGAACCTACAAGTTAATGGATATTTTACCAACTGTCGCATCAGTGTCA
GGAGGAAGTCTCCCTCAGGACAGGGTCATTGACGGCCGAGACCTCATGCCCTTGTGCAGGGCAACGTC
AGGCACTCGGAGCATGAATTTCTTTTCCACTACTGTGGCTCCTACCTGCACGCCGTGCGGTGGATCCCC
AAGGACGACAGTGGGTGAGTTTGAAGGCTCACTATGTGACCCCGGATTCAGCCACCAGCTTCTGGT
GGCTGCTATGTCACCTCATTATGCAGATGTTTCGGAGAACAGGTTACCTACCACAACCCCTCTGCTC
TTGATCTCTCCAGGACCCCTCAGAGTCCACACCCTGACACCTGCCACAGAGCCCTCCATGATTTT
GTGATTAAGGTTGGCAACGCCCTGAAGGAACACCAGGAAACCATCGTGCCTGTGACCTACCAACTC
TCAGAAGTGAATCAGGGCAGGACGTGGCTGAAGCCTTGCTGTGGGGTGTCCCATTTTGTCTGTGTGAC
AAGGAAGAGGAAGTCTCTCAGCCTCGGGTCTAACGAGAAGAGATAA
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Restriction Sites: SgfI-MluI



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ACCN:	NM_001201538
Insert Size:	1773 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001201538.1
RefSeq Size:	2082 bp
RefSeq ORF:	1773 bp
Locus ID:	416
UniProt ID:	P54793
Cytogenetics:	Xp22.33
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	65.9 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>