

Product datasheet for SC301626

ARSI (NM_001012301) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARSI (NM_001012301) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARSI
Synonyms:	ASI; SPG66
Vector:	<u>pCMV6 series</u>

Fully Sequenced ORF: >NCBI ORF sequence for NM_001012301, the custom clone sequence may differ by one or more nucleotides

```

ATGCACACCCTCACTGGCTTCTCCCTGGTCAGCCTGCTCAGCTTCGGCTACCTGTCCTGG
GACTGGGCCAAGCCGAGCTTCGTGGCCGACGGCCCGGGAGGCTGGCGAGCAGCCCTCG
GCCGCTCCGCCAGCCTCCCCACATCATCTTCATCCTCACGGACGACCAAGGCTACCAC
GACGTGGGCTACCATGGTTCAGATATCGAGACCCTACGCTGGACAGGCTGGCGGCAAG
GGGGTCAAGTTGGAGAATTATTACATCCAGCCCATCTGCACGCCCTTCGCGGAGCCAGTC
CTCACTGGCAGGTACCAGATCCACACAGGACTCCAGCATTCCATCATCCGCCACAGCAG
CCCAACTGCCTGCCCTGGACCAGGTGACTGTCACAGAAGCTGCAGGAGGCAGTTAT
TCCACCCATATGGTGGGCAAGTGGCACCTGGGCTTCTACCGGAAGGAGTGTCTGCCACC
CGTCGGGGCTTCGACACCTTCTGGGCTCGCTCACGGGCAATGTGGACTATTACACCTAT
GACAACTGTGATGGCCCAGGCGTGTGCGGCTTCGACCTGCACGAGGGTGAGAATGTGGCC
TGGGGGCTCAGCGGCCAGTACTCCACTATGCTTTATGCCAGCGGCCAGCCATATCCTG
GCCAGCCACAGCCCTCAGCGTCCCCTCTCCTCTATGTGGCTTCAGGCAGTACACACA
CCCCTGCAGTCCCCTCGTGAGTACCTGTACCGCTACCGCACCATGGGCAATGTGGCCCG
CGGAAGTACGCGGCCATGGTGACCTGCATGGATGAGGCTGTGCGCAACATCACCTGGGCC
CTCAAGCGCTACGGTTTCTACAACAACAGTGTCATCATCTTCTCCAGTGACAATGGTGGC
CAGACTTTCTCGGGGGCAGCAACTGGCCGCTCCGAGGACGCAAGGGCACTTATTGGAA
GGTGGCGTGCGGGGCTAGGCTTTGTCCACAGTCCCCTGCTCAAGCGAAAAGCAACGGACA
AGCCGGGCACTGATGCACATCACTGACTGGTACCCGACCTGGTGGGCTGGCAGGTGGT
ACCACCTCAGCAGCCGATGGGCTAGATGGCTACGACGTGTGGCCGGCCATCAGCGAGGGC
CGGGCCTCACCACGCACGGAGATCCTGCACAACATTGACCCACTTACAACCATGCCAG
CATGGCTCCCTGGAGGGCGGCTTTGGCATCTGGAACACCCCGCTGCAGGCTGCCATCCGC
GTGGGTGAGTGAAGCTGCTGACAGGAGACCCCGCTATGGCGATTGGATCCCACCGCAG
ACACTGGCCACCTTCCCGGTAGCTGGTGAACCTGGAACGAATGGCCAGTGTCCGCCAG
GCCGTGTGGCTCTTCAACATCAGTGTGACCCTTATGAACGGGAGGACCTGGCTGGCCAG
CGGCCTGATGTGGTCCGCACCCTGCTGGCTCGCCTGGCCGAATATAACCGCACAGCCATC
CCGGTACGCTACCCAGCTGAGAACCCCGGGCTCATCCTGACTTTAATGGGGGTGCTTGG
GGGCCCTGGGCCAGTGATGAGGAAGAGGAGGAAGGAAGGGAGGGCTCGAAGCTTCTCC
CGGGTCTGTCGAAGAAAAAATGCAAGATTTGCAAGCTTCGATCCTTTTTCCGTAAACTC
AACACCAGGCTAATGTCCAACGGATCTGA

```



[View online »](#)

Restriction Sites:	Please inquire
ACCN:	NM_001012301
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001012301.1</u> , <u>NP_001012301.1</u>
RefSeq Size:	1710 bp
RefSeq ORF:	1710 bp
Locus ID:	340075
UniProt ID:	<u>Q5FYB1</u>
Cytogenetics:	5q32
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	This gene encodes a protein that belongs to a large family of sulfatases that hydrolyze sulfate esters and sulfamates. Members of this family play a role in several cellular processes, including hormone synthesis, cell signaling in development and degradation of macromolecules. The protein encoded by this gene is thought to be secreted, and to function in extracellular space. [provided by RefSeq, Jul 2016]