

Product datasheet for **MC206094**

Arsg (BC084731) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arsg (BC084731) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Arsg
Synonyms:	6330406P08Rik; AI846872
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC084731
 CCAACTCTGGTTTCTTGTGAGATTTTGTTCCTCCAGGAAACCTTACAGAAACCTCTACCATCTGGAACCT
 AGAAACTCATCTCAGGGCTGACTGTGGCTTCTAGAACATGCAGGTGTTCTGCAGATGTGAGACTGTATCC
 CGCAGTACCAGATGAAATCCTAAGCAGATGCAAGGCTTGCTTTGTGGCCTTAGCTCCCCTGAGTGCAAA
 GGGCCACTTCTGCTAAGTGGCCAAGAGTGGATATTGACATTGATGTCTGAATGCTGCACCCAGCCAGT
 CATCTTATTAAGCTGCGATGAGAAGACATCTTGAGGGGACCAACCAACTTAGGGGTGACACATTCCTGA
 CTTTCTGGATTAGGATCCACATGGGACCTTGTGTCTGTAGCCCTGTAGCCATTAACCTCCAGTGT
 ATTCTTGACAACCTGGACTCCTTGAGACTTCTGCACTGAAAGTGAACAAAGAGAAAACCTTAAAATTCC
 AGAGATTCACAGTGGTGCTCGTTATCATTATCCAAGACAACGGGAGTCTTCGTGTCTTACAATGGGCT
 GGCTCTTTCTAAAGTTTTGTTGGTTGGCATGGCTTTTTCTGGATTTTTCTACCCTCTCGTGGATTTCTC
 TATCAGTGGGAAAACAAGAGCCCCCAACCAACATCGTGATCATTTTGGCTGATGACATGGGATGGGGT
 GATCTGGGAGCAAACCTGGGCAGAAAACAAGGACACCACCAATCTTGACAAGATGGCTTCCGAAGGAATGA
 GGTTTGTAGACTTCCACGCAGCTGCTTCTACCTGCTCCCATCCCAGCCTCCCTGCTACTGGCCGGCT
 GGGTCTACGGAACGGAGTACGCACAACCTCGCAGTCACTCTGTAGGGGGCTTCCAGTCAACGAGACC
 ACCTTGGTAGAGGTGCTGCGACAGGAGGTTACGTCACTGCCATGATAGGCAAGTGGCATCTTGGGCATC
 ATGGCTCTTATCATCCCAATTTCCGTGGCTTCGATTAATACTTTTGAATCCCATATAGCAATGACATGGG
 TTGCACTGATGCTCCAGGCTACAACCTACCTCCTTGTCCAGCGTGTCCACAGAGAGATGGCCTATGGAGG
 AACCTGGGAGGGACTGTTACACAGATGTTGCCCTTCTCTCTATGAAAACCTGAACATCGTGGAGCAGC
 CTGTGAACCTGAGCGGCTTGCACAGAAGTACGCAGAAAGGGCAGTGGAGTTCATTGAGCAGGCAAGCAC
 CAGTGGAAAGACCTTCTGCTCTACGTGGGCTGGCTCACATGCATGTGCCTTTGTCTGTAACCTCCACCA
 TTGGCACACCCACAGCGCAAAGCCTGTACCGTGAAGTCTCCGGGAGATGGACAGTCTGGTAGGGCAGA
 TCAAGGACAAAAGTTGACCATGTGGCAAGAGAAAACACACTCCTCTGGTTTACAGGAGACAATGGCCCATG
 GGCTCAGAAGTGTGAGCTGGCAGCAGCTGGTCCCTTCTCGGTTTGTGGCAAACCCATCAAGGGGGA
 AGTCCAACCAAGCAGACCACCTGGGAAGGTGGGCATCGGTTCCAGCACTGGCTTACTGGCTGGCAGAG
 TTCCAGCCAACGTCACTAGCACCGCCTTGTAAAGCTTGCTAGACATCTTCCCACCGTGATAGCTCTGGC
 AGGAGCCAGCTTGCCCCAAACCGAAATTTGATGGACGGGATGTCTCTGAGGTGCTCTTTGGCAAGTCA
 CAGATGGGGCACAGGTGCTATTCCACCCCAACAGTGGGGCTGCTGGAGAGTATGGCGCCCTGCAGACTG
 TCCGCCTAAACCATTACAAAGCTTTCTACATCACTGGTGGAGCCAAAGCTTGTGATGGGAGCGTGGGTCC
 TGAGCAGCACCAGTGGCCCTCTCATTTTCAACCTAGAAGATGCTGCTGATGAAGGGATGCCTCTACAG
 AAGGGGAGCCCCGAGTACCAGGAGGTGCTGCAGCAGGTACCAGGGCTCTCGCAGATGCTCTCAAGACA
 TCGCTGATGACAACAGCTCCCGAGCAGACTACACTCAGGATCCTTCAGTGATTCTTGTGTAACCCCTA
 TCAAACCTACCTGCCGTTGCCAACCGGTCTGAGGGCTCATTGTTCCCCCATGAGAAAACACTACCTGAAA
 CTGTAGACAGGTGGGTTACTTCCAACCTGGGTGTGGTTCATGGATGTCTGCTTTAGAAAGGAAGCTGCA
 GCATTTGGTTAGAAAGCAACGGGTTACCTCTGTGTGTGGACTGTCTCCTCTGCATGCAGACTTGAGA
 AGCCCTGAGTGTGGTACAGTGGACACGGCATGGTTAAGCACTAGCGAGTAAATGGGGTCAAGTCTGAGCC
 CTGGGTTTAAAGCTCAGGCAATGCCTTAAACCTCAATTGCAAGTTGAAGTTAAAGTAAACCCACGAAACT
 GTGTGTAACCCACGAACCTGACACCAGGCAGATTCTCGATCGGTATTTTAGTTTCTATCTCGTGTCCCCG
 TTTCAGGGGCCATTTTGGCACAGACTCGTCTGGTTTGTGGTGGTAGGGGTCCGGGAGCCTACACTGTT
 GCCTTTGAGATGACTTGAGCAAGCTAAACCAAAGTGAGGTTTTCCAGGCCTTGGACCTTCTCTCTGT
 AAATGTCAAGTGGATGTATTATAAAGATGTAAGCATTACAGGGCTGAAGTGGTGGCCGTTGGTTAAGAGC
 TTGGCCCACTTGCTCAGTCCCAGCACCTACATGGTAGCATAAACTGTCTGCAACTCTAGCTCTAGGGGA
 ACCTTGTCTCTCTCTGGCCTCTGAGAAATGCCAGACACACAGTGGTGTATATACATGTAGGTA AAAACA
 CTCATATATTA AAACATACTCTTTTCAAAAAAATTGGGATTTCTTCCCAGCCCCTAAAACCTTCTAAGAAA
 CAAAATAAAAATGTAACAACCTCACAAAAA AAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: BC084731
Insert Size: 1578 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:	BC084731 , AAH84731
RefSeq Size:	2982 bp
RefSeq ORF:	1578 bp
Locus ID:	74008
Cytogenetics:	11 E1
Gene Summary:	Displays arylsulfatase activity with pseudosubstrates at acidic pH, such as p-nitrocatechol sulfate.[UniProtKB/Swiss-Prot Function]