

Product datasheet for **RN211700**

Arsj (NM_001047887) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arsj (NM_001047887) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arsj
Synonyms:	RGD1307640
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211700 representing NM_001047887
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCCAGGGACAGTGGGAGCCTCTGCCTCCGCTCTTCCACAGGCCAGGGTCTGGCCTGGAAGA
 TGGTAGCGATGGGTGCCCTGGCAGGCTTCTGGTCCCTCAGCCTGATCACCTATGGCTACCTGAGCTGGG
 CCAGGACTTAGAAGAGGAGGGTCCCTAAGGGCTCAAGTTGAAGAGAGACCTGAAGCAGGCACAGCAGTC
 ACCTCCAGCCCCATCTCATTTTCATACTAGCTGATGATCAGGGATTTAGAGACGTGGGTTACCACGGAT
 CTGAGATAAAGACTCCCCTCTTGACAACTCGCTGCGGAAGGAGTTAAGCTAGAGAACTACTATGTCCA
 GCCTATTTGCACGCCGTCCAGGAGTCAGTTTATTACGGAAAGTATCAGATACACACAGGACTTCAGCAT
 TCTATCATTAGACCTACCAACCAACTGTCTACCTCTGGACAACGCAACCCTACCTCAGAAGCTGAAGG
 AGGTGGCTATTAACCCATATGGTTGGGAAGTGGCACTTGGGATTTACAGAAAAGACTGCATGCCTAC
 CAAGAGAGGATTTGACACCTTTTTGGCTCACTTTTGGGAAGTGGTGATTATTACACACACTACAAATGT
 GACAGTCTGGGTGTGTGGCTATGACTTGTACGAAAACGACAATGCCGCTTGGGACTATGACAATGGCA
 TCTACTCAACACAGATGTACACTCAGAGAGTGCAGCAAATCTTAGCCTCCACGACCCCAAAAGCCTCT
 GTTTTTATACGTTGCTTACCAAGCTGTCCACTCACCCTGCAAGCCCCTGGCAGGTACTTTGAACACTAT
 AGATCCATTATCAACATAAACAGGAGGAGTATGCGGCCATGCTCTCCTGCTGGATGAAGCGATCCACA
 ATGTGACCCTGGCTCTAAAGAGGTATGGTTTCTATAACAATAGCATTATCATTACTCCTCAGATAATGG
 TGGGCAGCCACAGCAGGAGGAAGTAACTGGCCTCTCAGAGGCAGCAAAGGAACATATTGGGAAGGAGGC
 ATCCGGCAGTTGGCTTTGTGCACAGCCCACTTCTGAAAAACAAGGAACGGTGTGAAGGACTTGTGC
 ACATCACCGATTGGTACCCGACCTTGATTTCACTGGCTGAAGGACAGATTGATGAAGACATTGAGTGA
 TGGATACGATATCTGGGAGACCATAAGCGAAGGTCTTCGTTACCCCGAGTGGATATTTTGCACAACATT
 GACCCCATCTATACCAAGGCAAAAAATGGTTCTGGGCAGCAGGCTATGGAATCTGGAACACCGCATCC
 AGTCGGCCATCCGGGTGCAGCACTGAAACTGCTCACAGGAAATCCTGGCTACAGTACTGGGTCCCCC
 TCAGGCTTTTCAACAATCTGGGCCAAACCGGTGGCACAATGAAAGGATTACCTTGTCAACTGGCAAGAGT
 ATCTGGCTTTTCAACATCACAGCTGATCCATATGAGAGGGTGGACCTATCCAGCAGGATCCAGGCATTG
 TGAAGAAGTTGCTTCGGAGACTGTCACAGTTCAACAAGACAGCGGTGCCTGTCAGGTACCCCCGAAGGA
 TCCAGAAGCAACCCTAGGCTCAACGGAGGAGTCTGGGGTCCGTGGTATAAAGAGGAAAGCAAGAAAAAG
 AAGACAAAACAAACCAAGGCTAAGAAAAAGCAAAAGAAAAGTAAGGCTAGGACGAGGAAGCAGAGGGCAG
 CTCGCTCCTCAACAAAATGCCACCAAGAGTTACCACTGGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001047887
- Insert Size:** 1794 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:

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_001047887.1](#), [NP_001041352.1](#)

RefSeq Size: 1794 bp

RefSeq ORF: 1794 bp

Locus ID: 311013

Cytogenetics: 2q42