

Product datasheet for **RN208057**

Arsa (NM_001034933) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Arsa (NM_001034933) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Arsa
Synonyms:	MGC125207
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208057 representing NM_001034933
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCCCTGGGGACCCTCGTTTTGGCATTGGCTGCAGGCCTGAGCACTGCTAGCCACCTAACATCA
TGCTGATCTTTGCTGATGACCTGGGCTATGGGGACCTCGCTCCTATGGGCACCCAGTTCTACACCCC
CAACTTGGATCAGTTGGCTGCAGGGGACTACGGTTCACAGATTCTATGTGCCTGTGTCTCTGTGCACT
CCGTCTCGGGCTGCCCTCTGACTGGCCGGCTCCAGTTCGATCAGGCATGTACCCTGGAGTTCTGGGGC
CCAGTTCCAAGGGGCTGCCCTTGGAGGAGGTGACGTTGGCCGAAGTCTGGCTGCTCGAGGCTATCT
AACAGGGATGGTGGCAAGTGGCATCTTGGAGTAGGGCCAGAGGGGGCTTCTGCCCCACATCAGGGC
TTCCATCGATTCTGGGCATCCCATATCCCATGACCAGGGTCCCTGTCAGAACCTGACCTGCTTCCCAC
CAGACATCACCTGCAGTGGTGGCTGTGACCAAGGCCTAGTTCCCATCCCCTGCTGGCCAACTGACTGT
GGAGGCCAGCCCCCTTGGCTGCCTGGACTAGAGGCCCGGTATGTGTCTTCTCCCAGACCTCATGGCG
GATGCCACAGCCAGGGCCGACCATTCTTCTGTACTACGCTTCCCACCACCCACTACCTCAGTTCA
GTGGACAGAGCTTACCAAGCGCTCAGGCCGTGGGCCCTTTGGGGACTCCTTGATGGAGCTGGATGGAGC
TGTGGGGCCCTTGATGACAGCTGTGGGGACCTAGGTCTGCTGGGAGAGACACTGGTCACTTCACTGCA
GATAACGGTCTGAATTGATGCGTATGTCCGATGGCGGCTGCTCCGGCCTTTGAGATGTGGAAAAGGAA
CAACTTTTGAAGTGCGCTCCGGGAACCCGCTTGGTCTACTGGCCAGGTACATTACTCCTGGTGTAC
CCAGGAGTGGCCAGCTCTTGGACCTGCTGCCACCTGGCAGCACTGACCGGGCTCCGCTGCCCAAT
ATCACCTTGGATGGTGTGACATCAGCCCTTGTGCTAGGCACAGGCAAGAGCCACGGAATTCTGTCT
TCTTCTACCCACCGTTCAGAGAGATCCATGGAGTCTTCGCGTTCCGGAATGGGAATACAAGGCTCA
TTTCTTTACCCAGGGCTCCGCCACAGTGACACCACTCCAGATCCTGCCTGTCATGCCGCCAACCGTCTG
ACAGCTACGAGCCCCACTGCTCTACGACTTGTCTAAGGACCCTGGTGAGAACTACAATCTTTTGATA
GTACAGAGGAGTCTCTCCAGAAGCTCTCCAGGCTTTGAAGCACATTGAGCTGCTCAAGGCCGAGTATGA
TGCAGCTATGACCTTCAGCCCCAGCCAGATAGCCAAGGGTGAAGACCCTGCCCTTCAGATCTGCTGTGAG
CCGAGCTGCACTCCCACCCAGTCTGCTGCCACTGCCAGACTCCCCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001034933

Insert Size: 1524 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_001034933.2](#), [NP_001030105.2](#)

RefSeq Size: 1524 bp

RefSeq ORF: 1524 bp

Locus ID: 315222

Cytogenetics: 7q34