

Product datasheet for **MC217376**

Sowahc (NM_172939) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sowahc (NM_172939) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sowahc
Synonyms:	4921515A04Rik; 9430099J10Rik; Ankrd57; C820004L04Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217376 representing NM_172939
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGGGTCACTGGAGCTGAGCTCGGAGGCGATCCTGCGCTTCTCGCCGAGCGTGGGGCGCGGCCG
GACACTCGGAATTGGTGCAACACTTCAGGGACGTCTGGGTGGCCAGCGGAACAGCGCACCCGCGCCCG
CGAGCGCTTCAAGGAAGTGGTCAATGCCGTGGCCACCGTGCGCACCGATCCCGCGGATGGTACCAAGTAT
GTGCATCTCAAGAAAAGTTCTGTACGGGGGATTCCCCCGCTTGGAGCCAAGTCCCCGAGAGCCCC
CGCGTATCGAGGTGACTGAGGAGCCTCAAGTCCCGGACCTTGACAGCGGAGCCTTGCAGGGCAGCCAGCT
CCAGGAGGCAAATCCACAGTTGTCTCTCGGACTGGGTGGCGAAGTGAGCGACCAAGAGCCTCCAGCCCT
GCTCAAGTGGGGCCCAAGTAAGGACTCGCCACCACAGGAGTGCAGGCCGTGCTCTGGGCGTCGGGTC
CCGGTCCAGCGAGAACCTTAACTCCCTCCACAGGGGGAGGCTGAAGGGGCGAGTCCCCTAGTGGGCC
AAACACACCCAGGTCGGCCCGTCAAGAACTTTCGGGACCTGGTGTGGGCAGCTCCCGCAACTAAAGAGG
AGCGTGGGTCTGGGGACGGTAACGCTGGAGGTGCAGCAGAGGAGGGGGCGACTCCGATACCGCATCGT
TAGCTTCTCGTCCGAGAAGAGGAGAGCAGCGTCCGGGCGCTCGGTTACCTGGATCCCCTGGATACGC
CTGGATGCTCTCAGTTCGAGGGCAAGTGGGACAGCCTAGAAGGGCTGCTCACTTGTGAGCCCGCCCTG
CTCTCGAAGCGAGACTTCATCACCGGCTTCACTTGTCTCCACTGGGCCGCAAGCACGGCAGGCAAGAGC
TCCTGGCCATGTTGGTCAACTTGGCCACCAACACCAGCTGCCAGTGAACATCAATGCCAAGTCGAGCGG
AGGCTACACTGCCTACATTTGGCAGCGATGCATGGGCATGTAGAGGTGGTGAAGTACTAGTGGGGCC
TACGACGCAGATGTAGACATCAGGGACTACAGCGGGAGAAAGCCCTCTCAGTATCTGAGCGAGAGCATCG
CAGAGGAGATAAAGAACCTGGTGGGAGCCCTGGATGAAGATGATGGAGACAGCCCTCCGCCCCGGGGG
TGGGCGCTGGAGACTTTCAAAGGTGCTCCCTCACACATCACTCACAAACTCTCCCGGTCTGGAAGAC
GGAGCTGAACTTACCACCACGTCCTCCGAGGGATGGACTGGAGGAAGCAAAGCAAAGATTCAAGTTCGCA
AAGCCTCGGGCAGCTCAAGTGGACGGATGAAGCCACGACTCAACAAAATCCGATTCCGAACCCAGATCAT
TCACACCACTCCCTCCTCAGGGATGCTAAACCGACACTGGAGGAAGGGGAGGAGGAGGAGGAGGAGG
GAGGAAAGGTCTCTTAGAGGCTACTCATCTTCTTAACTGAGACCGAAGTCCAATGTATTTGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_172939

Insert Size: 1539 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_172939.3](#), [NP_766527.3](#)

RefSeq Size: 4513 bp

RefSeq ORF: 1539 bp

Locus ID: 268301

UniProt ID: [Q8C0J6](#)

Cytogenetics: 10 B4