

Product datasheet for **RN211311**

Sowahc (NM_001109364) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sowahc (NM_001109364) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sowahc
Synonyms:	Ankrd57
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211311 representing NM_001109364
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCGGGGTCCCTGGAGCCAAGCTCTGAGGCGGTCTGCGCTTTCTCGCCGAGCGCGGGGCCGGGCC
 GACACTCGGAATTGGTGCAACACTTCAGGGACGCCCTGTGTGGCAAGCGGAACAGCGCACCCGCGCCCG
 CGAACACTTCAAGGAACTGGTCAACGCAGTGGCCACCGTGCGCACCGATCCCGCGGATGGTACCAAGTAT
 GTGCATCTCAAGAAAAGTTCTGTATGGGGGAGTCCCCTCCGCTTGAGGCCGCGCTCCCCAACAACTCC
 CGCGCATCGAGGTGACTGAGGAGCCTCAAGTCCCGGACCTTCAGCGAAACCATGCGAGGGCAGCCAGCC
 TCCGGTGGAGGCAGATCCACAGTTGTCTCTCGGAGTGGGCGCGGACTGAGCCACCAGAAGCCTCCGGCG
 GCTGCTCAAGGTGGGGCCAGAGTAAAGACTCGCCACGGGAGGTGAGGCCGTGTCGTGGCGCCGGGCC
 CCGGATCCAGTGAGAACCTTAACTCCCTCCACATGGCGGTGAGGAGGCTGAAGGGGCGAGTTCCCTAG
 TGTGCCAAATACGCCAGGTGCGCCCGTCAGAACTTTCGGGACCTGGTGTGGGAGCTCCCGCAACTA
 AAGAGGAGCGCGGTCTCGGGACGGTAGCGCTGGGAGCATCTCCTCAGGAGTTCGAGCAGAGGAGGGG
 CCGACTCCGATAGCACCTCGTTAGCGTCTTCATCCGCAGAAGAGGAGAGCAGCGCGGAGGCTCGGTTAC
 CCTGGATCCTCTTGAGCACGCTGGATGCTCTCAGCTTCGAGGGCAAGTGGGACAGCCTAATAGGGCTG
 CTCATTGTGAGCCCGCCTGCTCTCGAAGCGAGACTTCATCACCGGCTTCACTTGTCTCCACTGGGCGG
 CCAAGCACGGCAGGCAGGAGCTCCTGGCCATGTTGGTCAACTTTGCCACCAACACACCTGCCAGTGAA
 CATCAATGCCAGGTCGAGCGGAGGCTACACTGCCCTACATTTGGCAGCGATGCATGGGCATGTAGAGGTG
 GTGAAGTTACTAGTGGGAGCCTACGACGCAGATGTAGACATCAGGAGTACAGCGGGAGAAAGGCCTCTC
 AGTATCTGAGTGAGAGCATTGCAGAGGAGATAAAGAACCCTGGTGGGAGCCCTGGACGAAGACGATGGAGA
 CAGCGCTGCCGGCCGCGGAGTGGACGCTGGAGACTTTCAAAGGTGCTCCCATCACACATCACTCACAAA
 CTCTCCCGGTGCTGGAAGACGGAGCTGACCATCACCACACCTCGCCGAGGGATGGACTGGAGGAAGCA
 AAGCAAAAGATTAGGTGCAAGCCTCGGGCAGCTCGAGTGGACGGATAAAACCACGACTCAACAAAAAT
 CCGATTCCGAACCCAGATCATTACACCACTCCCTCCTCAAGGATGCTGAACCGACACTGGAGGAGGGG
 GAAGAGGAAGAGGAGGAAAGGCCTCTCGAGGCTACTCATCTTCTTTAACTGAGACCGAAGTCCAATG
 TATTCGGG**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001109364

Insert Size: 1551 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_001109364.1, NP_001102834.1

RefSeq Size: 4467 bp

RefSeq ORF: 1551 bp

Locus ID: 503306

Cytogenetics: 20q11