

Product datasheet for **MC221393**

Sowahb (NM_175270) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sowahb (NM_175270) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sowahb
Synonyms:	5730467H21Rik; Ankrd56
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221393 representing NM_175270
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCCGGAGAGCTGAGCCAGGAGGCACTGCTGGACTTTCTGTGCCAGGCCGGGGCCGAGTGCGTAACG
 CAGAGCTGCTGAGCCACTTCAAGAGCTTCTGCGCGACCCTCACGTGTCTCCAGGCCAGCTGCAGGAGCG
 TCGCGAGCGCTTCAAGGGCTTCGTGAACTCGGTGGCCGCACTGCGCCAGGACCCGACGGACCAAGTAC
 GTGGTGTCTAAGAGGAGGTACAGGGACCTACTGGGGGAGGAGGGCCTGCAGCGACCGGGCCCTGTAGATG
 GAAAGCCGCGGGGCCACCGCCGCGTGACCCGGAGCCGAGAAGCCGCGGCAGGTGCGGGGACCCAGGT
 GGACGTAGGTGGCAGCGCGCAGAAGGTGGCCGGGCGAGACCCAGCCGGAGGACAGCCGAACAGAGG
 ACACCGGAGCCAGAGGCTGCTCAAGCCAGAGGCAGGTGTGCGGCTGTGGGACCGGAGGACGCTGCTGCT
 GGGAGTGCCAGCAGAACGGCTGGGGACAGTCCACCGACAGCCGCTGCCAGAAGATCTCGGAGACCTGCTG
 AGTCGCCTGCGAGAAGCCGGAGCGCGTGCACCTGCCCGGATGACCTCGGAGCTCCGGGGTGGCTGAGG
 GAAGGAGAGGCCGCCGAGCAGCGCCTGGATCTGTACCGCTGTCTGGCTCCGACCGCCGTCGAGGCTG
 CTGGCAGCCCGACGTCCCGCCTGCTCTCCCGCCCAACCGGCGCCCTCCAGAGGCCACTGGAGCTGTT
 TACCGCCGGCTCCCGAACCAATTCACCCAGCAGCTGCAGCAACAGCACCAGCGCACTCAAGAGTGGGTA
 GCCAGATACCTGCAGGTGCCTGAGCCCGAGATCCAGGCGCCCACTCGCGCTGGTCGGTGTGCCAGACA
 ACTTCTCCAGCTACCTTCAGAAACCGCCTTTGGGGTCTCGGAGACCAGCTCGGCGCTGCCAGAGCCCGC
 TCTGTCTTTTCATTCTCTCTCCCGTGGTTCGATGAGTCTCAGAATCCTGGCCAGGGAACGCTCCA
 TCTACCGTCTTTCAAGCATTGTTGTGAGCTGTCCCTCCAGGATCTGAATGACTTTGTGGAGCAAGAGA
 GCCATGGAAGTGAGGAGAGCAGAGTGGACCCAAAGAATCTCCCGAACCCCGAAGAGGGGCTGCAACC
 TGTCTTGAGAACTTCTCTCGGGGGAGCTCAGGGATCCAGTTGAGGATCTGTTTTTGGCCACCAACGAC
 AGCCCTTGCTGATCCGCGGGACCTCGGATATAGAGGAATGCGCCAGTTTTTCGGAAGGTCCCAACAG
 TGGCTAAAAGCCTTGAGAGCACCCCAAGAGCCCTTCCCTGCCCTCAAGTTCCGAAGGTCTGTCAAGAG
 GAGCTCTCGAACAGGAAGAACCAATCTCTTCTCTCAGACGAGGAGCATCTGATGAGGACTTGTGG
 AAAAGGAGTGGCGCCACCTCGGTCCAGGAAACCTTCCAAGGCAGGAGCCCTGCCAGCCCAAGGGTGG
 ATGCTGTTTTGTACAGAAATTGGCAGATGCTAATGCTGTGGCCAGTCAGCCACACTTTCATGGATCCC
 AAGCAGGGATGGATCTGCAGCCTTGATACCCACAGACCTTCTGAGCACAGGTCCCCCTTGTCCCTCTA
 GACACCAGGGAGCATGAGTGGATTGTGAGGCTTGCCAGTGGTTCTTGGCTTCACGTGCTGACTTTGTTCT
 GGGAGGACCCCACTGGCTTTGCACAGAGACTTCTGACTGGGTACACAGCCTTGCACTGGATAGCAAA
 GCATGGTGACCTGTGTGCCCTTCAGGATTTGGTCTCTGGAGCCAGAAAGCGGGCATTGCACTAGATGTA
 AATGTGAGGTCCAGTTGTGGCTATACCCCACTGCACCTTGCACTATTACGGGACACAGGGAGTCATCA
 AATTGCTAGTGCAAAGACTGGCTTCTCGGGTGAACATTCGGGACTGCAGTGGCAAGAAGCCATGGCAGTA
 TCTGAACAGTAACGTCTCTGGGAAACGTGGCAGCTCCTGGGTGCACCCCGGGGCAACCTATCTCCCT
 GTCTATTCCTTAGTCCAAAGCTTCTCCAGCCAGGAAGGTCAAGAGCCGGGAAGTGTCTAGAAATGTCA
 CCCGGAAGACTTCTTGGCTGCTTGTCAAACTCAGCACAACAAATGGAAATTGGCCAGCCAATATGA
 GAAAATCCACACCTCAAAGGAGAGAGAAGAGTATAGTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACC�: NM_175270
Insert Size: 2283 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_175270.4 , NP_780479.1
RefSeq Size:	3900 bp
RefSeq ORF:	2283 bp
Locus ID:	78088
UniProt ID:	Q8BZW2
Cytogenetics:	5 E2