

Product datasheet for MC211459

Whrn (NM_001008796) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Whrn (NM_001008796) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Whrn
Synonyms:	1110035G07Rik; AW122018; AW742671; bM340H1.8; C430046P22Rik; mKIAA1526; whirlinNT1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC211459 representing NM_001008796 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAAGGCGAGGCCAGCCCCGGCCCCGGGGTTGGAGACAGTATTCCATGGTTTCTACAGCGACACAG
GCTCATCCACAGGCAGCCACGGCACCTCTACAACCGTCAGCTCGGCCAGGAATACATTAGACCTGGAAGG
AACCGGTGAGACCACCCAGGGCAGCACCAACGCTCTCCCGGATGTGTCTGTGGATGATGCAAATCCCC
TCAGAAGATCTGCCTGGTATCAAGCCACCTCCTCCCCACCACCCCTGGCTCAAGGTCATGACCGCTTGC
TTGGCCAGCCACGGAAGCCAGGGAGGGAGGCCCGCACCTCTGTCTTCTGCTGCCCACTCAGGCATTGT
CTTCTCAGCACCAGGAACCGCAGCCCGCCGCGCCAGGGACTGCTCCCACTCCGGGACCTTCTCTCAGCACAG
GACTCTCCCTCCTCCCCATTTATGCCTCCATCTCCCATGCCAACCCAGTTCAGAAAGCCGCTGGACA
CCCACCTGGCCCTGGTTAACCAGCACCCCATCGGCCCTTCCCTCGAGTCCAGTCCCCACCTCACCTGAA
GAGCCCTCCTGCAGAGACCCAGGAGCTGGGGCCTGCCTCCACCACCATCACCTCTGAACCCCTGAC
GCCGTGGGTGCAAACCAGCACTTTGTTCTGGTGGAGGTGCACCGTCCGGACAGTGAGCCTGATGTGAATG
AAGTGCGGGCTCTGCCCCAGACTCGCACAGCCTCCACACTCTCTCAGCTCTCAGACAGTGGGCAGACCCT
GAGCGAGGACAGTGGCGTGGATGCCGGGAGACGGAGGCCAGCCTCAGGCCGAGGCAGACAGCAGCA
TCCGCTAAGAACAAGAATGGCAAGGAGCAGCCCCGGACGGAGAGGACCGCGGAGGGTGCCAAACAACCTC
CCGGCCTGCTGGAGCCAACGTCCACCCTGGTCCGTGTGAGGAAAAGTGCAGCCCACTGGGCATCGCCAT
TGAGGGCGGTGCCAACACACGCCAGCCTCTGCCAGGATCGTCACAATTCAGCGAGGAGGTTCTGCCCAT
AACTGTGGACAGCTCAAGGTGGGCCACGTAATTCTGGAAGTGAATGGGCAGACACTTCGGGGTAAGGAGC
ACAAGGAGGCCCGCCGAATCATCGCTGAGGCCTCAAGACCAAGGAGAGAGACTACATCGACTTTCTGGT
CACTGAGTTCAACGTGATGCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001008796
Insert Size:	1215 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:	<ol style="list-style-type: none">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:	<u>NM_001008796.1</u> , <u>NP_001008796.1</u>
RefSeq Size:	2419 bp
RefSeq ORF:	1215 bp
Locus ID:	73750
Cytogenetics:	4 33.97 cM
Gene Summary:	This gene encodes a protein required for elongation and actin polymerization in the hair cell stereocilia. The encoded protein is localized to the cytoplasm and co-localizes with the growing end of actin filaments. Mutations in this gene have been linked to deafness. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]