

Product datasheet for **MC203862**

Cwh43 (NM_181323) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cwh43 (NM_181323) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cwh43
Synonyms:	C130090K23Rik; imds-60
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC016523
 CCGCGAGCTACTCGGGGACACCGAGCAGGACCGGGCGGACCCCGAGGAAGCGCGGGGCGCACGCGG
 GGCGAGGGAACGGTCTCTCGGCTTTCCGGGTGGTCGAGTCATGCCAGGCCTGTGGAGAGCAATTGCC
 TGGAGACCTTGCTGGGCTACGTCTCTGGTCTCTCTACACGGACTGAGCCCCATGATCTATTATTTCC
 CCTGCAAAACGCTGGAGCTCACAGGGCTGGAATCTTTTGTGTAGCCTTTCTCTCCGATACTCTTAACA
 ATTCCCCACTCTGGAACCTCGTCAATAAGAAGTGGACACTCTCTCTGCTGAGGATCGTCACTGTAGGCA
 GCATAGCTTCTTTGAGGCTCCAAATGCCAAGCTTCGACTGATGGTCCTCGCCCTTGGTGTCTTCTTC
 CTTGATAGTGCAAACTGTGACCTGGTGGTCAGGAAGTGGATTGCAAAAGGTACCTCAAAATCTGGGGATT
 ATTCTGGGACACGTCTTCTTCTGTCTCCGAATATGGTACACATCATTAAACCAATTTGGAGCTATC
 AGATGTCCAACAGAGTGATTCTGACATTGAGTGCCGTAGCTGTGCTTGACCGAATTGGCACAGATGGTGA
 CTACAGAAACCTGAGGGGAAGAAGCCCGTGAGGTTGCCACGGGACGACCTCTCTATCTAGTTGGCTG
 TTGCCAGGCGCCGCTTTGGGAGCTCTGTCTCTAACTCACTGGATCTTCGGAGAGGTCTCCATTGTTT
 CCAGATGGGCAGTCAGTGGTCATCCCCACCGAGGCCAGATCCTAATCCTTTTGGAGGTGCGGTTCTACT
 GGGCTTCTCAAGTGGACTGATGCTATCGGGTTCATCATGGCTTCATGATGCTGGGTTAGCCTGGTGGATG
 ACAGGAGCAGCTTCGGCCATGGGTCTCTCTACCTGCGCACATGGGCAGTGCTGTTTCTGGATGTGTCC
 TGGCAGTCTTTACGGGGTCTATGTGGCCTCAAGTACTTGCCATCTTGTGAACAGGGAACAAATCCGG
 AGAAGCCATGGCCACTGGCATGATCCTTTATGTTTACAAACATTTTCTGTGCCTGGTGACAGCGTTT
 AAGTTTGTTCGGGAGGTGTCTACGCTAGAGAAAGATCTGATGTGCTTTTGGGACCATAATGGTAATTA
 TTGGATTGAGTATGCTGTTTGGACCTAAGAAAAACCTTGACTTTCTTCTCAAACAAAAACAGTCTAA
 AACGCTTTTGGATGCAAGTGAAGAAATACATGAACTCATTCTGTGGCTGTTTGTGGTGTGGGTTACTG
 GGATTAGGGTACGGCACAGAACCTACGAGAGGCAGTTAGGCCGAGGGGACAGCGACAGTGGTCTCGG
 CTGCCATCTGGCCTTTTAGGTTTGGATATGACAATGAAGGCTGGCCCAATCTAGAGAGTCTGCTCACT
 GCTCAAGGAGACAGGTGCAGATTTTATCACCATTTTGGAGAGCGATGCTTCAAGCCCTATATAGGGAAC
 AACGACTTAACAATGTGGCTGGGGGAGAAGCTGGGTTTCTACACAGACTTTGGGCCAAGCACCAGGGATC
 ACACCTGGGGATTATGGTGTCTCTCGGTACCCGATTGTGAGATCGGAACATCACCTTCTCCGTCGCC
 AGAGGGGAGATCGCACAGCCATAACCATGACAGTTAACGTCTCCAACAGACTGGTGGATTTTGTGGTG
 ACACACTTTGGGAATCATGAAGTACCTTGACAGGAAGCTACAGGCTATTGAGTTTCAAACTGCTGA
 AAAATTGTTCAAATCAAGTATATTTCTGGGTTATCACTTCAGAGCCTGGTTCAGAGATTACATACA
 ACTCACAAAACATGGCAACGTGAAGGATATTGACAGCTCAGATGGAGACAGATGGTGTGAGTACATCATG
 TACCGGGGCTGATCAGGTTGGGCTATGCAAGAATCTCTCATGCAGAACTGAGTACTCTGAGATTGAGA
 TGGCCAAATTCAGGATCCCGGATGATCCCGCAATTACAGAGACAACAGAAAGTCGTATAGACCACCG
 AGGAGTTCCCAAGAACATTCACCTCAACCCAGATTTGGCTCCTACAAAGAAGGACACAATTATGAGAAC
 ACCCATCATTTTACATGAATACACCCAAATACTTCGTTTGAACCTTTTAGACAAAATGTCACGGGGAA
 GCCAAAAGAAGAGTTTAAATGAAAATGGAAGGTACATGGGAAGAACTTCAGAAAGTTAAATAAAAAAGAG
 AGAATGAGAAAAGTGACATCCGGCAATGAGAAATCCCATCAATTCAAGCTATGTTGTTTAAATAAGGCA
 TCTCTCTACCTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_181323

Insert Size: 2100 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC016523](#), [AAH16523](#)

RefSeq Size: 2412 bp

RefSeq ORF: 2100 bp

Locus ID: 231293

UniProt ID: [Q91YL7](#)

Cytogenetics: 5 C3.2

Gene Summary: Involved in lipid remodeling during GPI-anchor maturation.[UniProtKB/Swiss-Prot Function]