

Product datasheet for **RN217115**

Cwh43 (NM_001191677) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cwh43 (NM_001191677) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cwh43
Synonyms:	RGD1310958
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN217115 representing NM_001191677
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAAGCCTGTGGAGAGCAATTGCCCTGGAGACCTTGCTGGGCTACATCTCCTGGTCTCTCTACCACG
 GACTGGGCCCCATGATCTATTACTTTCCCTGCAGACACTGGAGCTCACAGGGCTGGAAGTGTGGCGT
 AGCCTTTCTCTCTCCGATACTCCTTACAATCCCCCATTCTGGAACCTCGTCAAGAAAAAGCGGGCACTC
 ACTTTGCTGAGGATCATTACTGTAGGCAGCGTAGCCTCCTTTGAGGCTCCGAATGCCAACTTCGACTGA
 TAGTCCTTGCCCTTGGTGTGTCTTCTCCCTGATCGTGCAGACTGTGACCTGGTGGTCAGGAAGTGGACT
 GCAAAGGTACCTCAAAATCTGGGATTCTTCTGGGACACATTCTTCTTCTGCTCCGAATATGGTAC
 ACATCGTTAAACCAATTTGGAGCTATCAGATGTCCAACAGAGTCATTCTGCTACTGAGTGCCATAGCTG
 TGTTTCAGCGAATTAGCACAGATGGTACTACAGAAACCTGAGGGGAAGAAACCGGATGAGGCCGCCAC
 GCGCAGGACCTCTCTATCCAGTTGGCTGTTGCCAGGTGCCGCTTCGGGAGCCTCGTGTCTCACGCAC
 TGGATCTTTGGAGAGGTCTCCATTGTTTCCAGATGGGCAGTGAGCGGTATCCCCACCCAGGGCCTGATC
 CGAATCCTTTGGAGGTGCGGTTCTGCTGGGCTTCGCAAGTGGACTGATGCTATCGGGCTCATATGGCT
 TTGTGACACTGGGTTAGCCTGGTGGATGACAGGAGCAACTTCAGCCATGGGTCTCCTTTATCTGCGCACT
 TGGGCAGCCGCTGTTTCTGGATGCGCACTGGCAGTCTTCACAGGGTCCATGTGGCCTCAAGTACTTGGAC
 ATCTTATGAACCTCAGGGACAAACCCTGGAGGAGCCATGACCACTGGCATGAGCCTTTATGTTCTACAAGT
 GTTTTTCTGTGCTGGTGACAGCTTTTAAGTTTGTCTGGAGGTGTCTACGCTAGAGAAAGGTCTGAT
 GTGCTTTTGGGGATCATAATGGTAATTATTGGATTGAGCATGCTGTTTAGACCTAAGAAAAACCTTGACT
 TTCTTCTTCAACAAAAACAGCTCTAAATGCTTTTAAGAAGCACTGAAAAATACATGAACTTATTTT
 GTGGCTGCTTGTGGTGTGGGGTTACTGGGATTAGGACTGCGGCACAGAACCTATGAGAGAAAAATTAGGC
 CACGGGGCACCAGCGGACGTGGTCTCGGCTGCCATCTGGCCTTTTAGGTTTGGATACGACAATGAAGGAT
 GGTCCAATCTAGAGCGGTCTGCTCAGCTGCTCAAGCAGACGGGTGCAGATTTTATTACCATTTTGGAGAG
 TGACGCTTCTAAGCCCTATATGGGGAACAATGACTTAACCATGTGGCTGGGGGAGAAGTTGGGTTTCTAT
 ACAGACTTTGGGCAAGCACCAGGGATCACACATGGGGGATTATGGTCTGTCTCGGTACCCGATTGTGA
 GATCGGAACATCACCTTCTTCCGTCACCAGAGGGCGAGATCGCACCAGCCATAACCATGACAGTTAATAT
 CTCCGACAGACTGGTGGATTTTGTGGTACACACTTCGGGAATCATGAAGATGACCTTGACAGGAAGCTA
 CAGGCTATTGCAGTTTCAAACTGCTGAAAAATTGTTCAAATCAAGTGATATTTTGGGCTACATCACTT
 CAGAGCCTGGTTCCAGAGACTACACAACTCACAAAACATGGCCATGTGAAGGATATTGACAGCTCAGA
 TCGAGACAGATGGTGTGAATATATCATGTATCGGGGCTGATCAGGTTGGGTTATGCAAGGATTTTCAT
 GCTGAACTGAGTGACTCTGAGATTCAGATGGCCAAATTACGATTCCAGATGATCCCTTCAATTACAGAG
 ACAACCAGAGAGTCGTATAGACCACAGAGGAGTTCCCAAGAACATTCATTTCAACCCGAGATTTGGCTC
 CTACAAAGAAGGACACAATCACGAGAACAACCATCATTTTCACATGAATACCCCAAGTACTTCGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001191677

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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<u>NM_001191677.1, NP_001178606.1</u>
RefSeq Size:	2462 bp
RefSeq ORF:	2100 bp
Locus ID:	305307
Cytogenetics:	14p11