

Product datasheet for **SC110680**

CWH43 (NM_025087) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | CWH43 (NM_025087) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CWH43 |
| Synonyms: | CWH43-C; PGAP2IP |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_025087, the custom clone sequence may differ by one or more nucleotides

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ATGCCCTCGCTGTGGAGAGAAAACCTCTTGGAGTCGCTGCTGGGATGTGTTTCTTGGTCTCTCTACCATG
ACCTGGGACCGATGATCTATTACTTTCTTTGCAAACTAGAACTCACTGGGCTTGAAGGTTTTAGTAT
AGCATTCTTTCTCCAATATTCCTAACAATTACTCTTTCTGAAATTGGTTAACAGAAGTGGATGCTA
ACCCTGCTGAGGATAATCACTATTGGCAGCATAGCCTCCTTCCAGGCTCCAAATGCCAACTTCGACTGA
TGGTTCTTGCCTTGGGGTGTCTTCTCACTGATAGTGCAAGCTGTGACTTGGTGGTCAGGAAGTCATT
GCAAAGGTACCTCAGAATTTGGGGATTCATTTTAGGACAGATTGTTCTTGTGTTCTACGCATATGGTAT
ACTTCACTAAACCAATCTGGAGTTATCAGATGTCCAACAAAGTGATACTGACATTAAGTGCCATAGCCA
CACTTGATCGTATTGGCACAGATGGTACTGCAGTAAACCTGAAGAAAAGAAGACTGGTGAAGTAGCCAC
GGGGATGGCTCTAGACCAACTGGCTGCTGGCAGGGGCTGCTTTTGGTAGCCTTGTGTTCTCACCCAC
TGGGTTTTTGGAGAAGTCTCTTGTGTTCCAGATGGGCAGTGAAGTGGGCATCCACATCCAGGGCCAGATC
CTAACCCATTTGGAGGTGCACTACTGCTGTGCTTGGCAAGTGGATTGATGCTTCCATCTTGTGTTGGTT
TCGTGGTACTGGTTTGTCTGGTGGTTACAGGAACAGCTTCACTGCGGGGCTCCTTACTGCACACA
TGGGCAGCTGCTGTGCTGGCTGTGCTTCCGCATCTTTACTGCATCCATGTGGCCCAAACTTGGAC
ACCTTATTAACCTAGGGACAAACCCTGGGAAAACCATGACCATTGCCATGATATTTTATCTTCTAGAAA
ATTTTTCTGTGCCTGGTGACAGCTTTAAGTTTGTCCAGGAGGTGCTACGCTAGAGAAAAGATCAGAT
GTGCTTTTGGGGACAATGATGTTAATTATCGGGCTGAATATGCTATTTGGTCCTAAGAAAAACCTTGACT
TGCTTCTTCAAACAAAAACAGTTCTAAAGTCTTTTCCAGAAAGAGTGAAAAATACATGAACTTTTTCT
AAAGTGGCACCAACCAAGAGGCTCTGCTGCCATCTGGCCTTTTCAAGTTTGGATGACAATGAAGGGT
GGTCTAGTCTAGAAAGATCAGCTCACCTGCTCAATGAAACAGGTGCAGATTTTATAACAATTTTGGAGAG
TGATGCTTCTAAGCCCTATATGGGGAACAATGACTTAACCATGTGGCTAGGGGAAAAGTTGGGTTTCTAT
ACAGACTTTGGTCCAAGCACAAGGTATCACACTTGGGGATTATGGCTTTGTCAAGATACCAATTGTGA
AATCTGAGCATCACCTTCTTCCGTACCAGAGGGCGAGATCGCACCAGCCATCACATTGACCGTTAACAT
TTCGGGCAAGCTGGTGGATTTTGTGCTGACACACTTTGGGAACCACGAAGATGACCTCGACAGGAACTG
CAGGCTATTGCTGTTTCAAACACTGAAAAGTAGCTCTAATCAAGTGATATTTCTGGGATATCACTT
CAGCACCTGGCTCCAGAGATTATCTACAGCTCACTGAACATGGCAATGTGAAGGATATCGACAGCACTGA
TCATGACAGATGGTGTGAATACATTATGTATCGAGGGCTGATCAGGTTGGTTATGCAAGAACTCCCAT
GCTGAACTGAGTGATTGAGAAATTCAGATGGCAAATTTAGGATCCCTGATGACCCCACTAATTATAGAG
ACAACCAGAAAAGTGGTCATAGACCACAGAGAAGTTTCTGAGAAAATTCATTTTAAATCCAGATTTGGATC
CTACAAAGAAGGACACAATTATGAAAACAACCATCATTTTTCATATGAATACTCCCAATACTTTTTATGA
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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_025087 unedited NGGGTCGGATTTGTATACGACTCATATAGGGCGGCCGCGAATTCGCACCAGGGGACGCGG GAACGAGGGGCGCGGACGCAGGCCCGGGAGGACGCGGCGCGGGAACCTGGGGGCGCAGG GCTAGGGCAGCGGGCCGACCCGCACGGCTTCTGAAAGCGCTGCCCTCGCCGCGGC GATGCCCTCGCTGTGGAGAGAAATCCTCTTGGAGTCGCTGCTGGGATGTGTTTCTGGTC TCTCTACCATGACCTGGGACCGATGATCTATTACTTTTCCCTTGGCAAACACTAGAACTCAC TGGCTTGAAGGTTTTAGTATAGCATTCTTTCTCCAATATTCCTAACAAATTAFACTCCTTT CTGGAAATTGGTTAACAAAGAAGTGGATGCTAACCTGCTGAGGATAATCACTATTGGCAG CATAGCCTCCTCCAGGCTCCAAATGCCAACTTCGACTGATGGTTCTTGCCTTGGGGT GTCTTCTCACTGATAGTGCAAGCTGTGACTTGGTGGTGCAGGAAGTCATTTGCAAAGGTA CCTCAGAAATTTGGGGATTCATTTTAGGACAGATTGTTCTTGTGTTCTACGCATATGGTA TACTTCACTAAACCAATCTGGAGTTATCAGATGTCCAACAAAGTGATACTGACATTAAG TGCCATAGCCACACTTGATCGTATTGGCACAGATGGTACTGCAGTAAACCTGAAGAAA GAAGACTGGTGGTAGCCACGGNGATGGCCTCTAGACCAACTGGCTGCTGGCAGGGGC TGCTTTTGGTAGCCTTGTGTTCTCACCCTGGGTTTTTGGAGAAGTCTCTCTGTTTC CAGATGGGCAGTGAAGTGGGCATCCACATCCAGGGCCAGATCCTAACCCCATTTGAGGTGC AGTACTGCTGTGCTTGGCAGTGGAT</p> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_025087 unedited TATGAACCGNCCGCGCATTCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TTAATAAATGTTTTTATTAAGCAACATAGTTTACAAATGGAGGTAATTTCCCACTGCAT AGATACCATGTGTTTTTAAGTTGAGGTTCTTCATGTGTATTTCCCACTTTCATTAATC TCTTCTTTTTATCTTACATACTTTTTTTCTTAAATTTCCAGCCAATAACTTCTTGCTT TAAATGTTTTCATAAAAAGTATTTGGGAGTATTCATATGAAAATGATGGTTGTTTTTCATAA TTGTGTCCTTCTTTGTAGGATCCAAATCTGGGATTAATAATGAATTTTCTCACAACTTCT CTGTGGTCTATGACCACTTTCTGGTTGCCTCTATAATCACCGGGTCTCAGGGATCCTA AATTCTGCCATCTGAATTTCTGAATCCCTCCACACACCTTGGCACCACCTTGCCTAACCC AACCTGCTCACATCTATCCCTCCTGTCCCCCCTATCCGTCCTCACTCCCCTTCTA CCCTTCCCTCTTTTCTTCCCCCTCCCCCCCCCATTTTCCCCCCCCCTCTCCCCCCCC TTTCTCCCCCCCCTTTTTCTCTCTCCCCCCCCCCCCCTTCTTCTTTTTCTCCCCCCCC CCTCCCCCCCCCCCCCTTTTCTTATCCCTCTTCCCCCCCCCTTCTCTTCTCTCCCCCT CCCCCCCCCCTTCTTCTCTTCTTCCCCCCCCCTTCTCTCCCCCTCTCCTTTCTG TTGCCCCCCCCCCCCCTTCTTCTTCCCCCTCCCCCCCCCCCCCTTTTCTTCCCAAT CCCCCCTCTCCATTTCCCCCTTTTCCCTTCTATTTTCGTTCTACTTATCCCCCCCC CCCCCCCCCCTTTTCTTATCCCCCTCTCCCCCCCCCTTTTCCCCCTTCTC TCCATTTT</p> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_025087 |
| Insert Size: | 2400 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). |

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| 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: | NM_025087.1 , NP_079363.1 |
| RefSeq Size: | 2486 bp |
| RefSeq ORF: | 2100 bp |
| Locus ID: | 80157 |
| UniProt ID: | Q9H720 |
| Cytogenetics: | 4p11 |
| Protein Families: | Transmembrane |
| Gene Summary: | Involved in lipid remodeling during GPI-anchor maturation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). |