

Product datasheet for **SC112264**

CHCHD7 (NM_024300) Human Untagged Clone

Product data:

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|----------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | CHCHD7 (NM_024300) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | CHCHD7 |
| Synonyms: | COX23 |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Cell Selection: | None |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_024300, the custom clone sequence may differ by one or more nucleotides |

ATGCACCAAACCTCGAACTGGTAAGAAGACTGTTAGAATGCCCTCGGTAACACAGAGGCTGAGAGATCCTG
ACATAAATCCTTGTGGTTCGGAATCTGATGCTCCACCAGATGTCTGGATGAAAATAACTATGACAGGGA
AAGGTGTCCACTTACTTCTTGAGGTACAAAACTGCCGGAGATTCTGGAATTCTATCGTGATGCAGAGA
AGAAAGAACGGAGTGAAGCCATTTATGCCTACGGCAGCAGAAAAGAGATGAAATCTTGAGAGCAGTGGAA
ATATGCCCTATTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024300 unedited
TGTAATACGACTCACTATAGGGCGCCGCGAATTCGGCACGAGGGACGGCCTGGGTGCTG
GCGAAGCGGAGGCCGAGTAAGAAGACTGTTAGAATGCCCTCGGTAACACAGAGGCTGAG
AGATCCTGACATAAATCCTTGTGGTTCGATCCTGTTCTACCTTTAAATGATGCCTCTCT
TATATCTGTAAGGAATCTGATGCTCCACCAGATGTCTGGATGAAAATAACTATGACAGG
GAAAGGTGTTCCACTTACTTCTTGAGGTACAAAACTGCCGGAGATTCTGGAATTCTATC
GTGATGCAGAGAAGAAAGACGGAGTGAAGCCATTTATGCCTACGGCAGCAGAAAAGAGAT
GAAATCTTGAGAGCAGTGGGAAATATGCCCTATTGAATGTTTGCATTAAGTGTGTTATA
TAACCTAGAAGCAGATGAATATTTCTAATAAATGATTGCTGTAATATTTAAGACTGTACA
CCCCTACCCAGACAGACCTTAAGTTCTCAAGTGGAGACAGTGAAGTCACCCCGTGTC
TTTTTGCTTGCTCAGTGCCATGCCGATGGTATGTTGCTGTTGGCTGTGTTGTGGCATG
AGTTTGCATGACTNCTGAGGCATGGAGTTAGGTAAGGCTACATGAGAAATTGAGCTTT
TCCACTGGGTTTTGAAAGAAGAGTATGATGTGAACAAGTAAAGACTGAATGGNGCTGAG
ATGAANNGCATGTTCCAGGAAAGANNATGTATGAGCAGAGTGTGAGGCAAGAGAAGC
TGAACACATTCAGAGNAGTATCTGTAGATTGCTCCACTAAATCTCAGGTGGGTGGAGCAG
TGGTGGGAGAGACTGNAAGNNGTANTTGAAGTAANGATGTGTGGNTGGGCTCAAATCCC
AGCTCATC



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| 3' Read Nucleotide Sequence: | >OriGene 3' read for NM_024300 unedited TCTATGGACCGGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTGGAAATGAT TCATTTTTTATTCAAATAAATACTACATTTAACAAATCAAGGTCATGTGGCTTAAAAACCTG AGCTTGGTTTTAGACTCAGACAGACAGTTCATTGTGGCAGCCATTAAACAATGTTCTT GACCCAAGACCAGATGAAGAGAAGGGACAAAAGCAATGTTTTCAAGTACACATTAATTT CATTCAATAATAGTATGTCTTCATAAACTACCATGAATAAAACAACGATTCTAAAAGG CAGTGGGCATAAAGGAGGCTGCTTCACAGTCTACCCAGTCACCACATTGAATAATCGTA TTGTGTTTATATCATAAAGTGAAGTTCTAGTCTCATCCCAGTGTGAGTTCACCTGATGA ACCCTGACCCTTTTCCCTGCCAACTCATCCTGCAAATAGAAATCTTACTTCTAAGGAA TCCATTTGTCTTTCTTCCATTACTGTGGTTCAAAAAGTATACTACAGCTGCAGAAAGC ACCCCATATTTAAGGATTTAATCACAGAATCCCTGTACTAAAACCTTTCTTTAAGAAAG ACACCCAGTCTTTTTTATGTACTTATATTACAAAACCATTTTGCCCTAATGAATGT CCTAACCTTTATTAACCAAAAATAGTGGAGGGAAGTAACAAATGATTTGAGGAATGAAC CCTGGGATCTGAGGCCACCACACATTCCTAACCTTAAATTAACCTTTTCAGTTTTTTCC CCCTTGTCCACCCCTGAAATTTAGGGGGGCAATTTAAGGAAATCTTTGAAGGGGT CCATTTTTTTGCCCAACTTTGCGTTAAATTC |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_024300 |
| Insert Size: | 1560 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_024300.3</u> , <u>NP_077276.2</u> |
| RefSeq Size: | 1703 bp |
| RefSeq ORF: | 294 bp |
| Locus ID: | 79145 |
| UniProt ID: | <u>Q9BUK0</u> |
| Cytogenetics: | 8q12.1 |