

## Product datasheet for **SC127654**

### CHCHD8 (COA4) (NM\_016565) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CHCHD8 (COA4) (NM_016565) Human Untagged Clone
Tag:	Tag Free
Symbol:	CHCHD8
Synonyms:	CHCHD8; CMC3; E2IG2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127654 sequence for NM_016565 edited (data generated by NextGen Sequencing) ATGTCAACCTCAGTCCCTCAAGGCCATACCTGGACCCAACGGGTGAAGAAAGACGATGAG GAGGAGGACCCGCTGGACCAGCTGATCTCCCGCTCTGGCTGTGCTGCCTCCCACTTTGCA GTGCAGGAGTGATGGCCAGCACCAGGACTGGCGGCAATGCCAGCCACAGGTGCAGGCG TTCAAGGATTGCATGAGTGAACAGCAGGCGAGGCGCAAGAGGAGCTGCAGAGGAGGCAA GAACAAGCCGGTGCCCACTGA

Clone variation with respect to NM\_016565.2

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016565 unedited TTGTACACGACTCACTATAGGGCGCCGCGNATTCGGCACGAGGCAGCTCCCCACGAGG GGCTGGTTCCTGAAAGGAGTACAGAGGATCCCCAACCGCTGCGAAACCAAGCCGCCGC GTAGGAGCGTGCTTCGGGCCCTTCTCCACCTGTTCCGGCCAGCCTCCACGATCCAGC TGCCAACCATCTAGCCTACCCTGATCTCTGAGCAGGGGTGTCGTCATTTTACTCCAGAG GAGACTGAAGCCAAAAGGTGACTCCCCATCCCCAGGATGTCAACCTCAGTCCCTCAAGGC CATACCTGGACCAACGGGTGAAGAAAGACGATNAGGAGGAGGCCGCTGGACCAGCTG ATCTCCCGCTCTGGCTGTGCTGCCTCCCACTTTGCAGTGCAGGAGTGCATGGCCACGAC CAGGACTGGCGGCAATGCCAGCCACAGGTGCAGGCGTTCAAGGATTGCATGAGTGAACAG CAGGCGAGGCGGCAAGAGGAGCTGCAGAGGAGGCAAGAACAAGCCGGTGCCCACTGA GACCCCAAACCACTATCCCCAGTAGATGGCCCTGCCAAGACCAGCACCCAGCAAGATTA TAGAGGAAGAAATCCTAAATGCTGGTGTGGGAGGTCTAAAAGTGGGGAGAGTTTTTGGAT CTGGAGTTGAGAGCCATGGGGTTTGACATGACTGGCACAANACAGCTGTGATGTTTCAT GGTCAGATGTCATACATTCTCAGCTGTCTGTTCCACCAGTATTTACCAGGAAACAAAGA ATGTNGTAAGGGATGCTNCCCCACCCACATCTTAAGTCAGTGTGCCCACTGAGATGA TTTTAGGGACATTNTATTTTAAAATAAATTACATA
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<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_016565 unedited GTTTGGCCGCGGCCGCATTTAGNATCGAGTT TTTAGGGAATCAATTTACCATTAGATTGTAATTTAATTTAAAATAAAATGTCCCTAAAA TCATCTCAGTACTTGGCACACTGACTTAAAAATGTGGGGTGGGGGAGCATCCCTTAACACA TTCTTTGTTTTCTGGTAAATACTGGGGGAACAAGACAGCTGAGAATGTATGACATCTGA CCATGAACATATGACAGCTGTTTGTGCCAGTCATGTCCAAACCCATGGCTCTCAACTCCA GATCCAAAAAATCTCCCATGTTTTAAACCTCCCACACCAGCATTAGGATTTCTTCTC TATAATCTTGCTGGGTGCTGGTCTTGGCAGGGCCATCTACTGGGGATAGGTGGTTTGGGG TCTCAGTGGTGGGCACCGGCTTGTCTTGCCTCCTCTGCAGCTCCTTGGCCGCTCGCC TGCTGTTCACTCATGCAATCCTTGAACGCCTGCACCTGTGGCTGGCATTGCCGCCAGTCC TGGTGCTGGGCCATGCACTCCTGCAGTCAAAAGTGGGAGGCAGCACAGCCAGAGCGGGAG ATCAGCTGGTCCAGCGGGTCTCCTTCTCATCGTCTTTTTACCCGTTGGGCCAGTATG CCCTTGAGGGACTGAGGTTGAAATCCTGGGGATGGGGAGGCCCTTTGGCTTAACCTC CCTGGAGAAAAAGACAACACCCCTGTGAGAAATCAAGGAAGGCAAAATGGTGGCACCTGAAC CCGAAGCTGGCCAACAGGTGAAAAAGGCCCGAACCCCTCTTACCGGGGTTTGGTTTT CCAACCGTTGGGCACCCGCGATTTCTCTAGAACCCCTTTTTGGGAAGCGTCCCC GCCAAATCCGGCGCCCTTTTCA
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_016565
<b>Insert Size:</b>	1020 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_016565.2</a> , <a href="#">NP_057649.2</a>
<b>RefSeq Size:</b>	833 bp
<b>RefSeq ORF:</b>	264 bp
<b>Locus ID:</b>	51287
<b>UniProt ID:</b>	<a href="#">Q9NYJ1</a>
<b>Cytogenetics:</b>	11q13.4
<b>Gene Summary:</b>	Putative COX assembly factor.[UniProtKB/Swiss-Prot Function]