

Product datasheet for **SC319127**

CHCHD6 (NM_032343) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CHCHD6 (NM_032343) Human Untagged Clone
Tag: Tag Free
Symbol: CHCHD6
Synonyms: CHCM1; Mic25; MICOS25; PPP1R23
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_032343.1
 CTCGGGTCTGGTGGCTGCCGGCCCTGCCGCATCTGCCATGGGGAGCACGGAGAGCAGCG
 AGGGCCGCAGGGTGTCTTCGGAGTGGACGAGGAGGAGCGGGTCCGGGTGCTGCAGGGTG
 TCCGGCTGTCTGAAAACGTGGTGAACCGCATGAAGGAGCCAGCTCTCCACCCCTGCTC
 CCACATCTTCTACCTTTGGCCTTCAAGATGGCAACTTGAGAGCCCTCACAAAGAATCCA
 CACTGCCAGGTGGGGAGCAGTGGTGGCCAGCAGCCCTCAGGGATGAAGGAGGGTGTCA
 AGAGGTATGAACAGGAGCATGCTGCTATCCAGGATAAGCTCTTCCAGGTGGCAAAGAGGG
 AAAGAGAGGCTGCCACCAAGCACTCCAAGGCATCCCTGCCACGGGCGAAGGCAGCATCA
 GCCATGAGGAGCAGAAGTCAAGTCCGGCTGGCCAGGAGCTGGAGAGCAGAGAGGCAGAGC
 TAAGACCCGTGACACCTTCTACAAGGAGCAGCTGGAGCGTATTGAGAGGAAGAATGCTG
 AGATGTATAAACTGTCTTCCAGAGCAATTCATGAGGCAGCCTCAAAGATGGAGAGCACA
 TAAAGCCCGCAGGGTGGAGCCCGTCTGCTCAGGGTTGCAGGCCAGATTCTCCACTGCT
 ACCGAGATCGCCCGCATGAGGTGCTGCTGTGCTCGGACCTGGTCAAGGCATACCAGCGCT
 GCGTGAGCGCCGCCACAAAGGGCTGAGGAGCAGACATCATTCCCTGCCCTGGCAGTGACT
 TGGAGCCCTGAAGAAGGGACCAATCATGGGACCACAGCCACTGTGCCCTGCCGTTTCTCTG
 CTGGGCCCTGCATATGCCCTGAGCCTGGGGCTGCCACGTGTTTAGGAAACAAAGTATG
 CGCTACTGTCTGAAAACAAATAAAGCAGATGCCTTTGTTTTTCAGTCAAAAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_032343
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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_032343.1 , NP_115719.1
RefSeq Size:	984 bp
RefSeq ORF:	708 bp
Locus ID:	84303
UniProt ID:	Q9BRQ6
Cytogenetics:	3q21.3
Gene Summary:	<p>Component of the MICOS complex, a large protein complex of the mitochondrial inner membrane that plays crucial roles in the maintenance of crista junctions, inner membrane architecture, and formation of contact sites to the outer membrane.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the central coding region compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>