

Product datasheet for **RN213011**

Chchd6 (NM_001106608) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chchd6 (NM_001106608) Rat Untagged Clone
Tag: Tag Free
Symbol: Chchd6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213011 representing NM_001106608
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAGCTCAGAGAGCGCCGAGGCCGAAGGGTGTCTTCGAGATGGATGAGGAGGAGCGGGTCCGGG
TGCTGCAGGGCATCCGGCTGTCCGAAAGTGTGTGAACCGCATGAAGGATTGCAGCCAGCCTTCAGCAGG
GGAACAGCTGGCTCCTGGTCCTGGTCCTGAGTGCCTCCGTTCTGTGCCACTGTCCCTCAACCAACCATT
CCAGTGCTTACTGTTCTTACCCTCTGTATGTGGGCCCGCAGAAGGCACCTATAAAGCCCTCAGGGAG
ACTTTAAAGTGTCCAGGGCAGAGAATAGTGATGGCCAGCAGTCCCTCAGCAGTGAAGGAGGATCTCAAGAA
GTTCCAACAGGAGCAGCTGGCAGTCCAGGATGAGCTGGTCAAGGTGGCAAGAAAGGAGAAAGAGGCAACT
GAGAAGCACTTGAAGGCATCCCTGCCCAAGAAGAAGGCCACCCACGAGCAGCAGCAGTCCAGATCGCTAA
CCAGGGAAGTGAAGAACAGAGAGGCCGAGCTCAGCCGCCGTGACACTTCTACAAGGAGCAGCAGGAACG
CATCCAAGAGAAGAATGCTGAGCTGTATAAAGTGTCTTCTCAACAATTCCAGGAGCGGCTTCAAAAGCA
GAGAGACAATAAAGCCCGCAGAGTGGAGCCTGTATGCTCTGGCCTACAGGCCAGATCCTCCGCTGCT
ACCGTGACCATCTGCATGAGTACTTCTATGCTCCGACCTGGCCAAGGCATACCAGCACTGTGTGAGCAC
CGCCCGCAAGGGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106608
Insert Size: 786 bp



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| 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_001106608.1</u> , <u>NP_001100078.1</u> |
| RefSeq Size: | 1078 bp |
| RefSeq ORF: | 786 bp |
| Locus ID: | 297436 |
| UniProt ID: | <u>D4A7N1</u> |
| Cytogenetics: | 4q34 |
| Gene Summary: | 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] |