

Product datasheet for MC210270

Chchd6 (NM_001167736) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Chchd6 (NM_001167736) Mouse Untagged Clone
Tag: Tag Free
Symbol: Chchd6
Synonyms: 0710001P09Rik; 1700021B03Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210270 representing NM_001167736
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGCAGCGCCGAGAGCGCCGAGGCCCGAAGGGTGTCTTCGAGATGGATGAGGAGGAGCGGGTCCGGG
 TGCTGCAGGGCATCCGGCTGTCTGAAAGTGTGTGAACCGCATGAAGGATTGCAGCCAGCCTTCAGCAGG
 GGAACAGCTGGTTCCTGGTTTTGGTCTTCGTCTCTGCTCCTGTGCCACTGTCCCTCTACCAGCCATC
 TCTGTGCCCACTGTCCCTGCACCTACCCTCCTGTGCCTACTGCTCCTTCATCCTCTGTACGTGGCCTGC
 CAGGAGGCACCTGTAAAGGCCCTCTGACAGACGTTAAAGTGCCAGTGCAGAGAGTGGTGGTGGTCTGCA
 GTCCTCAGCAGTGAAGGAGGATCTTAAGAAGTTCCAACAGGAGCAGTTGGCAGTCCAGGATGAGATGGTC
 AGGGTGGCAAAAAGGAAAAAGAGGCAGCTGAGAAGCACTTGAAGGCATCCCTGCCCAAGAAGAAGGCCA
 GCCTCACCCATGAGCAACAGCAGTCAGCTCGACTAAATGCTGAGCTGTATAAACTGTCTTCCCAACAATT
 CCATGAGGCGGCTTCAAAGCAGAGAGCACAATAAAGCCCCGAGAGTGGAGCCTGTGTGCTCTGGCCTA
 CAAGCCCAGATCCTCCGCTGTTACCGGGACCATCTGCATGAAGTGCTTCTGTGCTCGGACCTGGTCAAGG
 CATACCAGCACTGTGTGAGCACTGCCCGCAAGGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001167736
Insert Size: 738 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:	NM_001167736.1 , NP_001161208.1
RefSeq Size:	1042 bp
RefSeq ORF:	738 bp
Locus ID:	66098
UniProt ID:	Q91VN4
Cytogenetics:	6 D1
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) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.</p>