

## Product datasheet for RC229797

### HCCS (NM\_001171991) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HCCS (NM_001171991) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	HCCS
Synonyms:	CCHL; LSDMCA1; MCOPS7; MLS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC229797 representing NM_001171991 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGGGTTTGTCTCCATCTGCTCCTGCTGTTGCAGTTCAGGCCTCAAATGCTTCAGCGTCCCCACCTTCAG  
GATGCCCGATGCATGAAGGGAAAATGAAAGGCTGTCCAGTGAATACAGAGCCATCTGGCCCAACCTGTGA  
GAAGAAAACATACTCTGTGCCTGCCACCAGGAACCGCCTATGAGTACGTGGAGTGTCCCATTAGGGGC  
ACTGCGGCTGAGAATAAGGAGAACCTAGATCCTCAAATCTGATGCCACCACCAAATCAAACACCAGCTC  
CAGATCAGCCATTTGCATTGTCTACTGTCAGAGAAGAGTCATCCATTCCGAGAGCAGATTCAGAGAAAA  
GTGGGTTTACCCTTCTGAGCAGATGTTCTGGAATGCAATGTTAAAGAAAGGGTGAAGTGAAGGATGAG  
GATATCAGTCAGAAGGATATGTATAATATCATTAGAATTCACAATCAGAATAACGAGCAGGCTTGAAGG  
AGATTTTGAAGTGGGAAGCCCTTCATGCTGCAGAGTGTCTTGTGGTCCATCATTGATCCGGTTTGGAGG  
GAAAGCAAAGAGTATTCACCAAGGGCACGAATTCGTTCTGGATGGGGTATGAGTTGCCTTTTGATAGG  
CACGATTGGATCATAAACCGTTGCGGGACAGAAGTTAGATATGTGATTGATTATTATGATGGTGGTGAAG  
TCAACAAGGACTACCAGTTCACCATCCTGGACGTCCGTCCTGCCTTAGATTCACCTTCGGCAGTATGGGA  
CAGAATGAAAGTCGCTTGGTGGCGTTGGACCTCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

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\\_001171991.3](#)

**RefSeq ORF:** 807 bp

**Locus ID:** 3052

**UniProt ID:** [P53701](#)

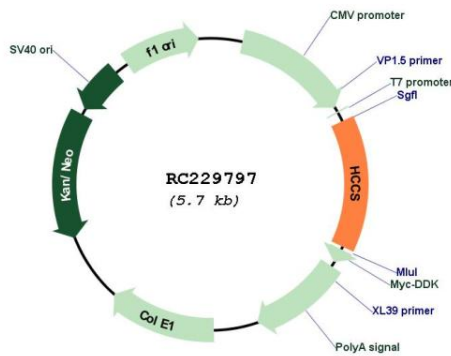
**Cytogenetics:** Xp22.2

**Protein Pathways:** Porphyrin and chlorophyll metabolism

**MW:** 31.1 kDa

**Gene Summary:** The protein encoded by this gene is an enzyme that covalently links a heme group to the apoprotein of cytochrome c. Defects in this gene are a cause of microphthalmia syndromic type 7 (MCOPS7). Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2010]

### Product images:



Circular map for RC229797