

Product datasheet for **MR203640**

Hccs (NM_008222) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hccs (NM_008222) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hccs
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203640 representing NM_008222 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTGCCTCAGCATCTTCTCCTGCTACTGCAGTAAACGCCTCGAATGCTTCAGATGGTCAGCCAGCTT
CACCACCTTCAGGATGCCCGATGCATAAAGGGCAAAGGAAAGGCTGTCCAGTGACTGCAGCAACATCTGA
CCTGACCAGTGAGAGCAAAGCACACACTGTGCCTGCTCACCAAGACCGGGCCTATGATTATGTGGAATGC
CCTGTTACTGGTGCTAGAGCTAAGGATAAGGAGAGCCTCGATCCTTCAAACCTGATGCCACCACCTAATC
AGACACCATCCCAGATCAGCCATTTACTTTGTCTACCTCAAGAGAGGAGTCATCAATTCAGAGCTGA
CTCTGAGAAAAAGTGGGTTTACCCTTCTGAACAGATGTTCTGGAATGCCATGTTACGGAAAGGGTGAAG
TGGAAAGATGATGATATTAGTCAGAAAGATATGTACAATATCATTAGAATTCACAATCAGAATAATGAGC
AAGCGTGAAGGAGATTTTAAAATGGGAAGCCCTTCATGCTCATGAGTGCCTTGTGGCCCATCGTTGGT
CCGATTTGGAGGTAAAGCAAGAGAGTATTCACCAAGAGCAAGAATTCGTTCTGGATGGGGTATGAATTG
CCTTTTGACCGCCATGACTGGATCATCAATCGTTGTGGCACAGAAGTTAGATATGTGATTGATTACTATG
ATGGTGGTGAGGTGAACAAGGAGTACCAGTTCATCTCCTGGATGTGCGTCCTGCCTTTGATTATTCTC
TGCAGTATGGGACAGAATGAAGTTGCTTGGTGGCGCTGGACTTCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203640 representing NM_008222
Red=Cloning site Green=Tags(s)

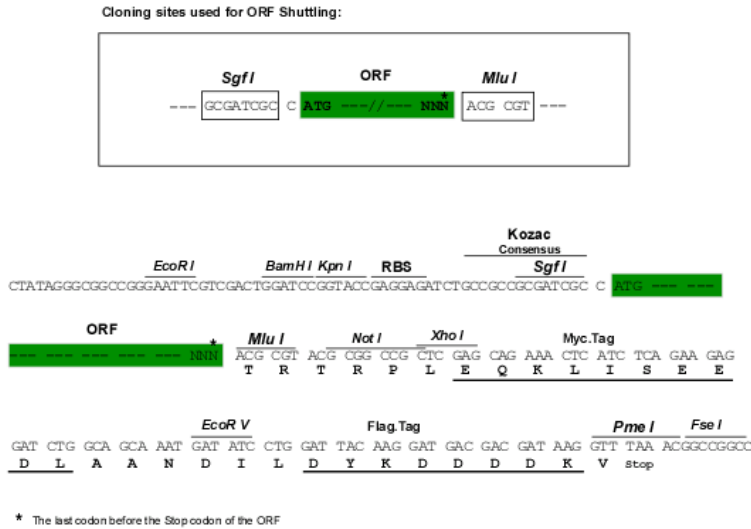
MGASASSPATAVNASNASDGPASPPSGCPMHKGQRKGPVTAATSDLTSESKAHTVPAHQDRAYDYVEC
 PVTGARAKDKESLDPSNLMPPPNTQTPSPDQPFLLSTSTREESSIPRADSEKKWVYPSEQMFWNAMLRKGWK
 WKDDDISQKDMYNIIRIHNQNEQAWKEILKWEALHAHECPGSPSLVRFGGKAREYSRARIRSWMGYEL
 PFDRHDWIINRCGTEVRVYIDYDGGVEVNEYQFTILDVRPAFDSFSAVWDRMKVAWWRWTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9057_f06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_008222

ORF Size: 816 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_008222.5](#)

RefSeq Size: 2383 bp

RefSeq ORF: 819 bp

Locus ID: 15159

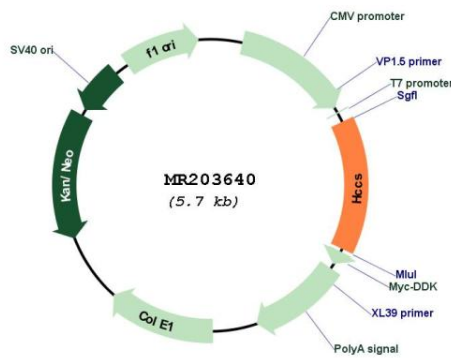
UniProt ID: [P53702](#)

Cytogenetics: X F5

MW: 31 kDa

Gene Summary: Links covalently the heme group to the apoprotein of cytochrome c.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203640