

Product datasheet for **RC213079**

C11orf83 (UQCC3) (NM_001085372) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C11orf83 (UQCC3) (NM_001085372) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: C11orf83
Synonyms: C11orf83; CCDS41658.1; MC3DN9; UNQ655
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC213079 representing NM_001085372
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATTCCTTGCAGAAATGCTGATCTCAGTCGCAATGCTGGGCGCAGGGGCTGGCGTGGGCTACGCGC
TCCTCGTTATCGTGACCCCGGGAGAGCGCGGAAGCAGGAAATGCTAAAGGAGATGCCACTGCAGGACCC
AAGGAGCAGGGAGGAGCGGCCAGGACCCAGCAGCTATTGCTGGCCACTCTGCAGGAGGCAGCGACCACG
CAGGAGAACGTGGCCTGGAGGAAGAACTGGATGGTTGGCGCGAAGGCGGCCCGGGAGGTCACCG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC213079 representing NM_001085372
 Red=Cloning site Green=Tags(s)
 MDSLRLKMLISVAMLGAGAGVGYALLVIVTPGERRKQEMLKEMPLQDPRSREEAARTQQLLLATLQEAAAT
 QENVAWRKNMVMVGEGGAGGRSP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8121_e08.zip

Restriction Sites: Sgfl-Mlul



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Cloning Scheme:


ACCN: NM_001085372

ORF Size: 279 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_001085372.3](#)

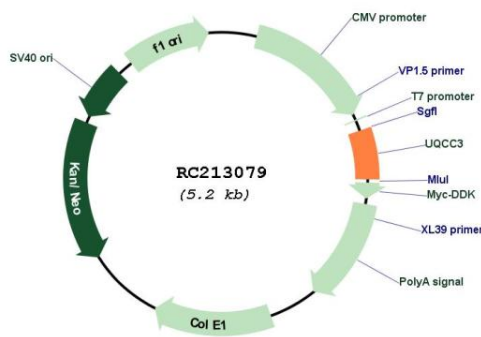
RefSeq Size: 1959 bp

RefSeq ORF: 282 bp

Locus ID: 790955

UniProt ID: [Q6UW78](#)
Cytogenetics: 11q12.3
Protein Families: Transmembrane
MW: 10.5 kDa
Gene Summary: Complex III is a mitochondrial inner membrane protein complex that transfers electrons from ubiquinol to cytochrome c. This gene encodes a protein that functions in complex III assembly. Mutations in this gene result in Mitochondrial complex III deficiency, nuclear type 9. [provided by RefSeq, Dec 2014]

Product images:



Circular map for RC213079