

Product datasheet for **SC310556**

UQCC (UQCC1) (NM_018244) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UQCC (UQCC1) (NM_018244) Human Untagged Clone
Tag:	Tag Free
Symbol:	UQCC1
Synonyms:	BFZB; C20orf44; CBP3; UQCC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310556 representing NM_018244. Blue=Insert sequence Red=Cloning site Green=Tag(s)

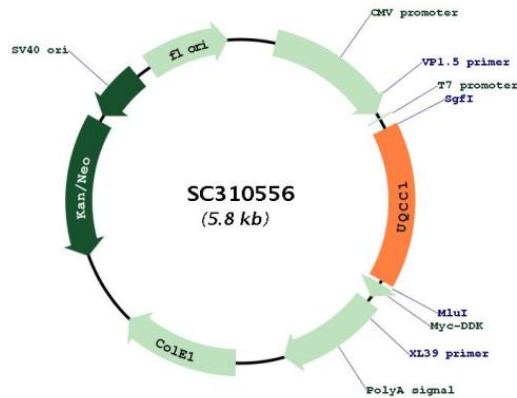
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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGGCGTTGCTGGT GCGAGTCTTAGGAACCGACTAGCATTCTCAGTGGGTTCCAGTATGCAGCCGA
TTGATACCTGTGTCTCTACCCAAGGACAGGGGGACAGGGCTCTGTCTCGCACTTCCCAGTGGCCCCAG
ATGAGCCAGTCCCGAGCATGTGGTGGATCAGAACAGATTCTGGAATAGACATACAGCTGAATAGGAAG
TATCACACCACACGTAAGCTTTCTACTACCAAAGATTCCCCACAGCCTGTTGAGGAGAAGGTTGGTGCT
TTCACAAAGATAATAGAAGCCATGGGATTCACGGGACCTTGAATACAGTAAATGGAAGATTAAGATT
GCGGCCCTGCGCATGTATACTAGCTGTGTGGAGAAAAGTACTCGAGGAATTCTTCTAAGGTGTCAG
ATGCCTGATACATTCAATTCATGGTTTCTTATAACCCTACTCCAGTCTGGATGTGTCTAGTCCGAATG
AAGCAGGAAGGCCGGAGTGGGAAGTACATGTGTCTGATCATAGTTCAATTTATGTGGGAGGATGTTGAG
CAGCGCGGCAGAGTCATGGGGTTAATCCCTATATCCTGAAGAAGAACATGATCCTCATGACAAATCAT
TTCTATGCAGCGATCTTGGGATATGATGAGGGGATCCTTTCAGATGATCATGGGCTGGCCGCTGCCCTC
TGGAGAACCTTCTCAACCGGAAATGTGAAGACCCTCGACATCTGAATTGCTGGTAGAGTATGTGAGG
AAACAGATACAGTACCTGGACTCCATGAACGGGGAGGATCTGCTTCTGACAGGGGAGGTGAGCTGGCCG
CCTCTAGTGGAGAAGAATCCTCAGAGCATCCTGAAGCCCCATTCTCCGACTTACAACGACGAGGGACTT
TGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_018244

Insert Size: 900 bp

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_018244.4](#)

RefSeq Size: 2461 bp

RefSeq ORF: 900 bp

Locus ID: 55245

UniProt ID: [Q9NVA1](#)

Cytogenetics: 20q11.22

Domains: Ubiq_cyt_C_chap

MW: 34.6 kDa

Gene Summary: This gene encodes a transmembrane protein that is structurally similar to the mouse basic fibroblast growth factor repressed ZIC-binding protein. In mouse this protein may be involved in fibroblast growth factor regulated growth control. In humans, polymorphisms in this gene are associated with variation in human height and osteoarthritis. Alternate splicing results in multiple transcript variants. [provided by RefSeq, May 2010]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).