

Product datasheet for **SC307991**

UQCC (UQCC1) (NM_199487) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UQCC (UQCC1) (NM_199487) 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:	>SC307991 representing NM_199487. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGTTGCTGGTGGAGTCTTAGGAACGAGACTAGCATTCTCAGTGGGTTCCAGTATGCAGCCGA
TTGATACCTGTCTCCTACCCAAGGACAGGGGACAGGGCTCTGTCTCGCACTCCCAAGTGGCCCCAG
ATGAGCCAGTCCCGAGCATGTGGTGGATCAGAACAGATTCTGGAATAGACATACAGCTGAATAGGAAG
TATCACACCACACGTAAGCTTTCTACTACCAAAGATCCCCACAGCCTGTTGAGGAGAAGGTTGGTGCT
TTCACAAAGATAATAGAAGCCATGGGATTCACGGGACCTTGAATACAGTAAATGGAAGATTAAGATT
GCGGCCCTGCGCATGTATACTAGCTGTGTGGAGAAAAGTACTCGAGGAATTCCTTCTAAGGTGTCAG
ATGCCTGATACATTCAATTCATGTTTCTTATAACCCTACTCCAGTCTGGATGTGTCTAGTCCGAATG
AAGCAGGAAGGCCGGAGTGGGAAGTACATGTGTGTCATATAGTTTATGTGGGAGGATGTTGAG
CAGCGCGGAGAGTATGGGGGGGATCCTTTCAGATGATCATGGGCTGGCCGCTGCCCTCTGGGAACC
TTCTTCAACCGGAAATGTGAAGACCTCGACATCTTGAATTGCTGGTAGAGTATGTGAGGAAACAGATA
CAGTACCTGGACTCCATGAACGGGGAGGATCTGCTTCTGACAGGGGAGGTGAGCTGGCCGCTCTAGTG
GAGAAGAATCCTCAGAGCATCCTGAAGCCCCATTCCTCGACTTACAACGACGAGGGACTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_199487
Insert Size:	822 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).
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:	<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:	<u>NM_199487.2</u>
RefSeq Size:	2383 bp
RefSeq ORF:	822 bp
Locus ID:	55245
UniProt ID:	<u>Q9NVA1</u>
Cytogenetics:	20q11.22
MW:	31.5 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon compared to variant 1. The resulting isoform (b) is shorter than isoform a.</p>