

Product datasheet for **RG219211**

UQCC (UQCC1) (NM_199487) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UQCC (UQCC1) (NM_199487) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UQCC1
Synonyms:	BFZB; C20orf44; CBP3; UQCC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG219211 representing NM_199487 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTTGCTGGTGCGAGTCCTTAGGAACCAGACTAGCATTCTCAGTGGGTTCCAGTATGCAGCCGAT
TGATACCTGTGTCTCTACCCAAGGACAGGGGACAGGGCTCTGTCTCGCACTTCCAGTGGCCCCAGAT
GAGCCAGTCCCGAGCATGTGGTGGATCAGAACAGATTCCTGGAATAGACATACAGCTGAATAGGAAGTAT
CACACCACACGTAAGCTTTCTACTACCAAAGATCCCCACAGCCTGTTGAGGAGAAGTTGGTGCTTTCA
CAAAGATAATAGAAGCCATGGGATTCACGGGACCTTTGAAATACAGGTGTCAGATGCCTGATACATTCAA
TTCATGGTTTCTATAACCCTACTCCACGTCTGGATGTGTCTAGTCCGAATGAAGCAGGAAGGCCGGAGT
GGGAAGTACATGTGTCGTATCATAGTTCAATTTATGTGGGAGGATGTTTCAGCAGCGCGGCAGAGTCATGG
GGGTTAATCCCTATATCCTGAAGAAGAACATGATCCTCATGACAAATCATTTCTATGCAGCGATCTTGGG
ATATGATGAGGGGATCCTTTCAGATGATCATGGGCTGGCCGCTGCCCTCTGGAGAACCTTCTTCAACCGG
AAATGTGAAGACCCTCGACATCTGAATTGCTGGTAGAGTATGTGAGGAAACAGATACAGTACCTGGACT
CCATGAACGGGGAGGATCTGCTTCTGACAGGGGAGGTGAGCTGGCGCCCTCTAGTGGAGAAGAATCTCA
GAGCATCTGAAGCCCCATTCTCCGACTTACAACGACGAGGGACTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG219211 representing NM_199487
 Red=Cloning site Green=Tags(s)

MALLVRVLRNQTSSISQWVPVCSRLIPVSPTQGQGDRLSRTSQWPQMSQSRACGGSEQIPGIDIQLNRKY
 HTRRKLSTTKDSPQPVEEKVGAFTKIEAMGFTGPLKYRCQMPDTFNSWFLITLLHVWMLVVMKQEGRS
 GKYMCRIIIVHFMWEDVQQRGRVMGVNPNYILKKNMILMTNHFYAAILGYDEGILSDDHGLAALWRTFFNR
 KCEDPRHLELLVEYVRKQIQYLDSMNGEDLLL TGEVSWRPLVEKNPQSILKPHSPTYNDEGL

TRTRPLE - GFP Tag - V

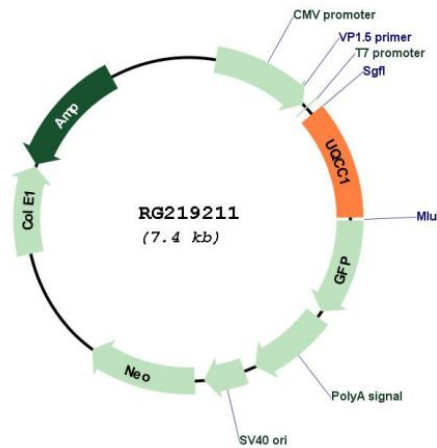
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_199487

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:	<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:	NM_199487.1 , NP_955781.1
RefSeq Size:	2257 bp
RefSeq ORF:	822 bp
Locus ID:	55245
UniProt ID:	Q9NVA1
Cytogenetics:	20q11.22
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]