

Product datasheet for **RG216675**

CFC1B (NM_001079530) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	CFC1B
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG216675 representing NM_001079530
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCTGGAGGCACCATGTCAGGCTTCTGTTTACGGTCAGTTTGGCATTACAGATCATCAATTTGGGAA
ACAGCTATCAAAGAGAGAAACATAACGGCGGTAGAGAGGAAGTACCAAGTTGCCACTCAGAAGCACCG
ACAGTACCGCTCAACTGGACCTCCAGTCAATTCGGAGAGGTGACTGGGAGCGCCGAGGGCTGGGGCCCG
GAGGAGCCGCTCCCATACTCTGGGCTTTCGGAGAGGGTGCGTCCGCGCGGCCGCGCTGCTGCAGGAACG
GCGGTACCTGCGTGCTGGGCAGCTTCTGCGTGTGCCGCGCCACTTCACCGGCCGCTACTGCGAGCATGA
CCAGAGGCGCAGTGAATGCGGCGCCTGGAGCACGGAGCCTGGACCCTCCGCGCCTGCCACCTCTGCAGG
TGCATCTTCGGGGCCCTGCACTGCCTCCCCCTCCAGACGCTGACCGCTGTGACCCGAAAGACTTCTTGG
CCTCCACGCTCACGGGCGAGCGCCGGGGCGCGCCAGCCTGCTACTTGTGCTGCCCTGCGCACTCCT
GCACCGCCTCCTGCGCCCGGATGCGCCGCGCACCTCGGTCCCTGGTCCCTCCGTCCTCCAGCGGGAG
CGGCGCCCTGCGGAAGCCGGGACTTGGGCATCGCTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG216675 representing NM_001079530
Red=Cloning site Green=Tags(s)

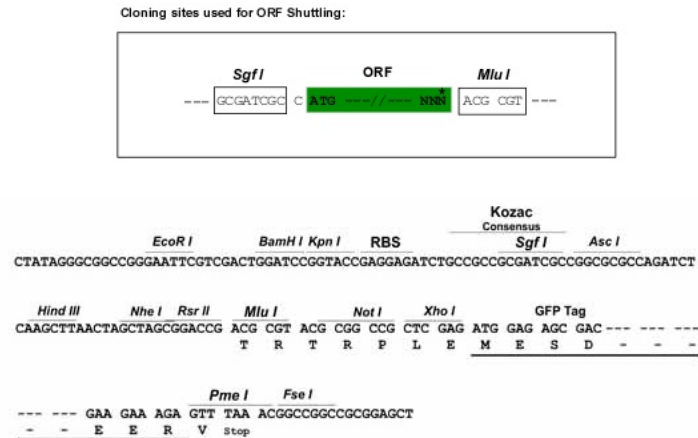
MTWRHHVRLLFVSLALQIINLGNSYQREKHNGGREEVTKVATQKHRQSPLNWTSSHFGEVTGSAEGWGP
EEPLPYSWAFGEGASARPRCCRNNGTCVLGSCVCPAHFTGRYCEHDQRRSECGALEHGAUWTLRACHLCR
CIFGALHCLPLQTPDRCDPKDFLASHAHGPSAGGAPSLLLLLPCALLHRLLRPDAPAHPRSLVPSVLQRE
RRPCGRPLGHRL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



Cloning Scheme:



ACCN:	NM_001079530
ORF Size:	669 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001079530.2
RefSeq Size:	1182 bp

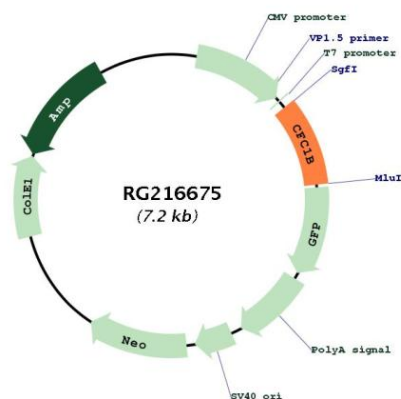
RefSeq ORF: 672 bp

Locus ID: 653275

UniProt ID: [P0CG36](#)

Cytogenetics: 2q21.1

Product images:



Circular map for RG216675