

Product datasheet for **MC208279**

Cfc1 (NM_007685) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cfc1 (NM_007685) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cfc1
Synonyms: AV265756; b2b970Clo; cryptic
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208279 representing NM_007685
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGAGCGAACTACCAACCCAGGGTATCAGTTTGAAAATGCATCAAGCCAGGCCTCTGTTTTGGTGA
CTGTCGCGCTGCAGCTCATCGGTCTGGGATACAGTTATCAGAGCGAAGGAGATGGTGCCAGAGAAGTCAG
CAATATCTCTCTCCAGTGATCCCGGGACGACTGGACAGAAGTCTGAGTAATCCAGCAGAAAAGT
GACATTCGAGGGGGCGCCTATGGGATTCCTTCTGACTCCAGCACTTTGGGAGAGAGTGCAGTCC
CTGTATCCCGCTGTTGCCACAATGGCGGCACCTGTGTTCTGGGCAGTTTCTGCGTGTGCCCTGCCTATT
CACTGGTCGCTATTGCGAGCAGCAGCAGAGGCGCAGAGACTGTGGTGCCCTAGGGCATGGAGCTTGACC
CTGCACAGCTGCCGCTATGCAGGTGCATCTTCTCAGCCCTGACTGCCTCCCACACCAAACGTTTCAGCC
ACTGTGACCTGAAAAGCTTCCTTTCTTCAGGCGCCAGAGGATCAAGAGAATGCAGCATCCCAAGCCTCCT
CCTGCTGGTGCTCTGCCTCCTCTGCAGGGTGTGGCTGGTAAGGGCT**G**A

ACGCGTACGCGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_007685
Insert Size: 609 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).



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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_007685.2</u> , <u>NP_031711.1</u>
RefSeq Size:	1038 bp
RefSeq ORF:	609 bp
Locus ID:	12627
UniProt ID:	<u>P97766</u>
Cytogenetics:	1 B
Gene Summary:	Nodal coreceptor involved in the correct establishment of the left-right axis. May play a role in mesoderm and/or neural patterning during gastrulation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer, protein-coding transcript.