

Product datasheet for **MC203468**

Cdc6 (NM_001025779) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdc6 (NM_001025779) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cdc6
Synonyms:	CDC18L
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC052434

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GTTTTTACGGTGGTGATCGAGACGCGAGGAGTGTGCACTGAGCGACACGGCCCTGAAGAGTGCAAAGCTC
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AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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- Restriction Sites:** AsclI-NotI
- ACCN:** NM_001025779
- Insert Size:** 1689 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).
- 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: [BC052434](#), [AAH52434](#)

RefSeq Size: 4442 bp

RefSeq ORF: 1689 bp

Locus ID: 23834

UniProt ID: [O89033](#)

Cytogenetics: 11 D

Gene Summary: Involved in the initiation of DNA replication. Also participates in checkpoint controls that ensure DNA replication is completed before mitosis is initiated.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) contains a distinct 5' UTR and lacks an in-frame portion of the 5' coding region, compared to variant 1. The resulting isoform (b) has a shorter N-terminus, compared to isoform a.