

## Product datasheet for **MC203765**

### Sub1 (NM\_011294) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sub1 (NM\_011294) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sub1  
**Synonyms:** AI842364; P9; P15; Pc4; Rpo2tc1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC010967  
 CCACGCGTCCGGCGAGCGAGCGAGGCAGAGGTTTTGGTCGGCCGGAGCGTAGCAATGCCTAAATCAAA  
 GGAAGTTGTTTCTCAAGCTCTTCAGGCAGTGATTCGGACAGCGAAGTTGAAAAAGTTAAAGAGGAAA  
 AAGCAAGCGGTTCCAGAGAAGCCCGTGAAGAAGCAGAAGCCTGGTGAGACTTCTAGAGCACTGGCATCCT  
 CCAAGCAGAGCAGCAGCAGCAGAGATGACAACATGTTCCAGATTGAAAAGATGAGATATGTCAGTGTTCCG  
 GGACTTCAAAGGAAAAATTCTAATTGATATTAGAGAATATTGGATGGATTGAGAAGTGAATGAAACCA  
 GGAAGAAAAGGTATTTCTTTAAACATGGAACAATGGAGCCAGCTGAAGGAACAGATCTCTGATATAGATG  
 ACGCAGTAAGAAAGCTGTAATACTGAGCCATATCAAACCTGACTGTTGTAGTTGCTTTTTACATTGG  
 CTTTTGTTTTCTAAATGTTGTTTTCCAAGCTGTTGTATTTGGATTGCAGAACAATTTGTAAGACAAAT  
 ACTTTTTTTAATGTGCATTATTAATAATGTTCTAAGTGAAGCTAATTGTCAAGTTTATTAAGGATTGCT  
 TTGTGCCCTACCTAGTGTAATAAAGTCAGATCATTACAATCTTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011294

**Insert Size:** 384 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).



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**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:** [BC010967](#), [AAH10967](#)

**RefSeq Size:** 694 bp

**RefSeq ORF:** 384 bp

**Locus ID:** 20024

**UniProt ID:** [P11031](#)

**Cytogenetics:** 15 A1

**Gene Summary:** General coactivator that functions cooperatively with TAFs and mediates functional interactions between upstream activators and the general transcriptional machinery. May be involved in stabilizing the multiprotein transcription complex. Binds single-stranded DNA. Also binds, in vitro, non-specifically to double-stranded DNA (ds DNA).[UniProtKB/Swiss-Prot Function]