

## Product datasheet for **RC201064**

### SERTAD1 (NM\_013376) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** SERTAD1 (NM\_013376) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** SERTAD1  
**Synonyms:** SEI1; TRIP-Br1; TRIPBR1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC201064 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTGAGCAAGGGTCTGAAGCGGAAACGGGAGGAGGAGGAGGAGAAGGAACCTCTGGCAGTCGACTCCT  
GGTGGCTAGATCCTGGCCACACAGCGGTGGCACAGGCACCCCGGCCGTGGCCTCTAGCTCCCTTTTGA  
CCTCTCAGTGCTCAAGCTCCACCACAGCCTGCAGCAGAGTGAGCCGGACCTGCGGCACCTGGTGCTGGTC  
GTGAACACTCTGCGGCGCATCCAGGCGTCCATGGCACCCGCGGCTGCCCTGCCACCTGTGCCTAGCCAC  
CTGCAGCCCCAGTGTGGCTGACAACTTACTGGCAAGCTCGGACGCTGCCCTTTCAGCCTCCATGGCCAG  
CCTCCTGGAGGACCTCAGCCACATTGAGGGCCTGAGTCAGGCTCCCAACCCCTTGGCAGACGAGGGGCCA  
CCAGGCCGTAGCATCGGGGGAGCAGCGCCAGCCTGGGTGCCTTGGACCTGCTGGGCCAGCCACTGGCT  
GTCTACTGGACGATGGGCTTGGGGCCTGTTTGGAGATATTGACACCTCTATGTATGACAATGAACCTTTG  
GGCACCAGCCTCTGAGGGCCTCAAACAGGCCCTGAGGATGGGCCGGCAAGGAGGAAGCTCCGGAGCTG  
GACGAGGCCGAATTGGACTACCTCATGGATGTGCTGGTGGGCACACAGGCACTGGAGCGACCCCGGGGC  
CAGGGCGC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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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:** [NM\\_013376.4](#)

**RefSeq Size:** 1213 bp

**RefSeq ORF:** 711 bp

**Locus ID:** 29950

**UniProt ID:** [Q9UHV2](#)

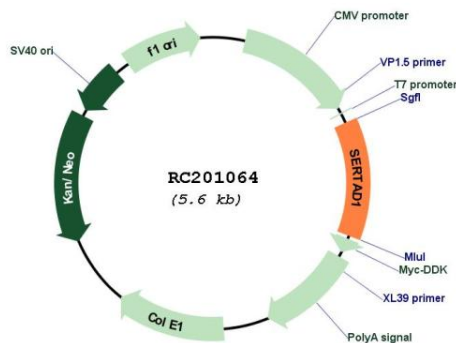
**Cytogenetics:** 19q13.2

**Protein Families:** Transcription Factors

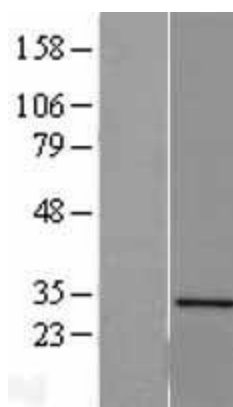
**MW:** 24.7 kDa

**Gene Summary:** Acts at E2F-responsive promoters as coregulator to integrate signals provided by PHD- and/or bromodomain-containing transcription factors. Stimulates E2F1/TFDP1 transcriptional activity. Renders the activity of cyclin D1/CDK4 resistant to the inhibitory effects of CDKN2A/p16INK4A.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC201064



Western blot validation of overexpression lysate (Cat# [LY402253]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201064 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).