

## Product datasheet for RN201857

### Cand1 (NM\_054004) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cand1 (NM_054004) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cand1
Synonyms:	Tip120; Tip120A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201857 representing NM_054004 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGAGCGCTTCGTACCACATCTCCAACCTGCTGGAAAAATGACATCCAGCGACAAGGACTTCAGGT  
TTATGGCTACAAATGATCTGATGACAGAACTGCAGAAAGACTCCATCAAGCTGGATGATGACAGCGAAAAG  
GAAAGTCGTAAGATGATTCTGAAGTTGCTGGAGGATAAAAAATGGCGAAGTCAGAACTTAGCTGTGAAA  
TGCTTTGGTCCTTATAGTGAGTAAAGTAAAGAGTACCAAGTTGAGACGATTGTAGACACCCTCTGTACAA  
ACATGCTTTCTGACAAGGAGCAGCTTCGAGATATTTCCAGTATTGGCCTTAAAACAGTAATTGGAGA  
ACTCCCTCCAGCTTCCAGTGGCTCTGCATTAGCTGCTAATGTATGTAAGAAAGATTACTGGACGCTTACCAGT  
GCAATAGCAAAGCAGGAAGATGTTTCTGTTTCAGCTAGAAGCTTTAGATATTATGGCTGATATGTTGAGCA  
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TAGACTTGCAGTCAGGAAAAGAACAATTATTGCTCTTGGCCACCTAGTTATGAGCTGCGGAAACATAGTT  
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ACATACAGTGTATTGCTGCTATTAGTAGGCAAGCTGGCCATAGAATAGGTGAATACCTTGAAAAGATAAT  
TCCTTTGGTGGTAAAATTTGTAATGTAGATGATGATGAATTAAGAGAATACTGCATTCAAGCTTTTGAA  
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ATACCTTTCTCTTTGAAGCAAACCTCGTCCAGTACAAAGTTGGCTGTGCGACCCTGATGCAATGGAGCAA  
GGAGAAACACCCTTAACAATGCTTCAGAGTCAGGTTCCCAACATTGTTAAAGCCCTACATAAACAGATGA  
AAGAAAAAGTGAAGACCCGACAGTGTGTTTTAACATGTTAACTGAACTGGTAAATGTGTTGCCTGG  
GGCACTAACCAACACATTCTGTACTTGTACCAGGAATCATTTTCTCACTCAATGATAAGTCCAGCTCA



TCGAATCTGAAGATTGATGCATTGTCCTGTCTGTATGTGATCCTCTGTAACCACTCTCCGCAAGTTTTCC  
 ACCCGCATGTT CAGGCTTTGGTCCCTCCAGTGGTGGCTTGTGGTGACCCATTTTACAAGATCACATC  
 AGAAGCCCTTCTTGTCACTCAGCAGCTTGTCAAAGTAATCCGTCCTCTGGACCAACCCTCCTCTCGAT  
 GCAACGCCTTACATCAAAGATCTCTTCACTTGTACAATTAAGCGCTTAAAAGCAGCTGACATTGATCAGG  
 AAGTCAAGGAGAGGGCTATTTCTGTATGGGACAGATTATTTGCAATCTTGGAGACAATTTGGGCCCTGA  
 CTTATCAAATACACTTCAGATTTTCTTGGAGAGACTCAAGAATGAAATCACCCGGCTAACGACAGTGAAA  
 GCACTGACCCCTGATTGCTGGGTACCTTTGAAGATAGATCTGAGGCCTGTGCTGGGAGAGGGAGTCCCTA  
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 GGATACATGGATTTGCTGCGCATGCTAACGGTCCAGTTACTCTCAGAGCACAGCTTACTCATAAGC  
 AGTCTTACTATTCCATTGCCAAATGTGTAGCTGCCCTTACTCGAGCATGCCCTAAAGAGGGACCGGCTGT  
 AGTAGGTCAGTTTATTCAAAGATGCAAGAATCCAGGTCTACAGATTCCATTCTGCTCTTAGCGCTCCTT  
 TCTCTAGGAGAAGTTGGACACCATATTGACTTAAGTGGGCAAGTTGGAGCTAAAATCTGTAATATTAGAGG  
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 CCTCCCTGAGTATCTGCCATTTGTACTACAAGAAATAACCACTCAGCCAAAAGGCACTCTGCTGCTG  
 CATTCCCTGAAGGAAATCATTAGCTCTGCGTCAGTGGTCCGCCTTAAGCCGTATGTCGAGAACATCTGGG  
 CTTTGTGCTAAAGCACTGTGAGTGCAGGAGGAGGGCACCAGAAACGTCGTCGCCGAGTGTCTAGGGAA  
 GCTCACTCTTATTGATCCTGAACTCTCCTCCCGAGGCTTAAAGGGTATTTGATATCAGGGTCATCCTAT  
 GCCAGAAGCTCAGTGGTTACAGCTGTGAAGTTCACTATTTCTGACCACCCTCAGCCCATTTGATCCACTGC  
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 GGTCAACATTCAATTCTGCAGCCATAACAAGCCGTCAGTGTATACGGGACCTTCTGGATTCTGTTCTTCCA  
 CATCTTTACAATGAGACAAAAGTTAGGAAGGAAGTTAAGAGAGGTAGAGATGGGCCCGTTTAAAGCACA  
 CGGTTGATGACGGCCTGGACATTAGAAAGGCGAGCTTTTGTAGTGTATGTACACACTTCTAGACAGTGTCT  
 TGACAGACTGGATATCTTTGAATTTCTAAATCATGTGGAAGATGGTTTGAAGGACCATTATGATATTAAG  
 ATGCTAACATTTTAAATGTTGGTGGAGACTATCTACCCTTTGTCCAAGTGCAGTACTACAGAGGTTGGACC  
 GGCTTGTGAGCCACTACGAGCTACGTGTACAATAAGGTGAAGGCGAACTCTGTAAGCAGGAGTTTGA  
 AAAGCAGGACGAGTTAAAGCGCTCGCCATGAGGGCAGTACTGCACTGCTCACCATTCCAGAGGCAGAG  
 AAGAGCCCTCTCATGAGTGAATCCAGTACAGATCAGCTCCAACCCGGAGCTGGCAGCCATCTTTGAAA  
 GTATCCAGAAAGATTCTCGTCCACTAAGTTGGAATCAATGGACACTAGT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_054004

**Insert Size:**

3693 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:** [NM\\_054004.2](#), [NP\\_446456.1](#)

**RefSeq Size:** 4381 bp

**RefSeq ORF:** 3693 bp

**Locus ID:** 117152

**UniProt ID:** [P97536](#)

**Cytogenetics:** 7q22

**Gene Summary:** interacts with TATA-binding protein and may be involved in transcription regulation [RGD, Feb 2006]