

Product datasheet for RN205667

Cand2 (NM_181362) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cand2 (NM_181362) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cand2
Synonyms:	Tip120B
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN205667 representing NM_181362 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGTACCGGTGCCTTCTACATCTCCAGCCTGCTGGAGAAGATGACGTCCAGCGACAAAGACTTCAGGT
TCATGGCTACCAGTGACCTGATGTCAGAGTTGCAGAAAGACTCCATCCAGCTGGATGAGGACAGCGAGCG
TAAGGTGGTGAGGACGCTCCTGCGGCTCCTGGAGGACAGGAGTGGTGAGGTGCAGAACCTGGCTGTCAAG
TGCTGGGTCCCCGGTGGGCAAGGTGAAGGAGTACCAAGTGGAGAACATTGTGGATACCCCTTTGTGCCA
ACATGCGGTGAGACAAGGAGCAGCTGCGCGACATCGCTGGCATTGGCCTGAAGACCGTGTTCAGAGCT
GCCTCCAGCTGCCACAGGCTCAGGGCTGGCTATCAGTGTGTGCCCAAGATCACCGGCCAGCTCACCACT
GCCATCGCCAGCAGGAGGATGTGGCTGTGCGAGCTGGAAGCCCTGGACATCCTCTCCGACATGCTGAGCA
GGCTAGGTGCCCCATTGGGCACCTTCCATGCAAGCCTGCTACACTGCCTATTGCCCTAGCTGAGCAGCCC
GCGCCTGGCTGTGCGCAAGCGCACCGTTGTGCGACTCGGTGATCTGGCAGCCGCTGCAGCACGGACCTC
TTCGTGGAGCTTGCTGACCATCTGGTGGACCGGCTGCCTGGGCCACGGGCACCTGCCAGCCCTGCAGCCA
TTCGAACCCTGATCCAGTGTGGGACGCTGGGCCGCGCAGGCAGGCCATCGCCTGGGGGCCACCTGGA
CCGCTGATGCCCTTGGTGGAGGAGTTCTGCAACCTGGATGACGATGAGCTGAGAGAGTCCCTGCCTCCAG
GCCTTCGAGGCCTTCTAAGAAAGTGCCCAAGGAGATGGACCCTCATGTACCCAATGTGACCAGCCTTT
GCCTGCAGTACATGAAGCACGACCCCAACTACAACCATGACAGTGACGAAGAAGAGCAAATGGAGACCGA
GGACAGTGAATTCAGTGAGCAAGAGAGTGGAGCAGTACAGTGACGATGACGACATGAGCTGGAAGGTC
CGCCGAGCTGCGGCAAGTGCATGGCAGCCCTGATCAGCTCTCGGCCGACCTTTACCCGACTTCCACT
GCACGCTGGCACCTGCGCTTATCCGCTGCTTCAAGGAGCGGGAGGAGAACGTCAAGGCAGACATCTTTGG
GGCTTACATCATGTTGCTGCGACATACAGGCCCCCTAAAGGGTGGCTGGAGGCTGTGGAGAGCCACCC
CAGACGGGCAGAAACCTCAATATGCTACGAGCGCAGGTGCCCTAGTGATGAAGGCCCTGCAGCGACAAC
TTAAAGACCGGAATGTTGCGACCGCCAGGGGTGCTTCAACCTCTTACCAGCTGGCAGGCGTCCCTCCC
TGCTGCCTGGCAGGCACATGACTGTCTTGGTGTGAGGCATTGTCTTTCACTGGCTGACTACTCCAGC
TCCTCCACCATACGGATGGATGCCCTGGCCTTCTACAGGGCCTTCTGGGTACAGAGCCAGCTGAGGCT



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TCCACCCACACTTGCCGACCCTCTACCGCCTGTGATGGCCTGTGTGGCTGACCCTTTCTACAAGGTGGC
 AGCTGAGGCCTTATTGGTGTCCAGGAGCTGGTGGGACCCTGTGGCCACTGGATAGGCCTCGGCTGCTG
 GACCCTGAGCCGTACGTGGGAGAGATGTCCACAGCTACCCTGGCAGACTCCGAGCCACTGACCTGGACC
 AGGAGGTGAAGGAACGGGCCATCTTGTGTGGCCACCTTGTGGGTACCTTGGCGACCGGCTTGGGGA
 TGACCTAGAGCCACACTTCTGCTTCTCCTTGATCGCCTACGGAATGAGATAACCCGGTTGCCTGCTGC
 AAGGCACTGACACTGGTGGCGGTGTCCCATTCGCACTTGATCTGCAGCCCATCTGGCCGAGGCATGC
 CCATCCTCGCTTCATTTCTGCGAAGAATCAACGGGCCCTGGCGCTGGCCACACTGGCCGCCTGGATGC
 TCTGGCTCAGAGTCAGGGCCTCGGCCTGCCCCGCTGCTGTTCCGAGTGTGCTAGCTGAGCTGCCTGCT
 CTGGTCAGTGAGAATGACATGCATGTGGCCAGCTGGCTGTTGACTTCTCACCACGGTGACGCAGACCC
 AGCCGGCCTCTCTGGTTGAAGTCAGTGGGCTGTTCTGGAGGAGCTGCTGCAGCTGCTGCACTCACCTT
 GCTGCCTGCTGGGTGCTGGCAGCCACTGAAGGCTTCTGCAGGCCTGGTGGGACCCGCCCTCCATGT
 GTGGAGTACTCAGAGCTATTAGCTGCTCACTGCGCCTGTTTATAACCAGGTTGGGGATGGAGACCCG
 GCCTGCACAAGCAGGTGTCCACTATTGGCTCGGTGTGTGGCTGCCCTCAGCTGCCTGTCCCAGGA
 GGCAGCAGGCACTGCCAGCCGCTGGTGTGTGATGCCAGGTACCCCACTCAAGCACAGGGGTCAAAGTC
 TTGGCATTCTACTGCTGAGTGGCCAGGTGGCTGGGCCAGGCCCCAGAGGGAGCTGAAGACAG
 TGCTTCTGGAAGCCCTGGGGTCTCCAGTGAGGAGCTGAGGGCTGCAGCTGCATATGCCCTGGGCGGTGT
 GGGTGTGGCAACCTGCCTGACTTCTGCCCTTCTGCTGGCACAAATCGAGGCCAACCCCGACGACAG
 TACCTGCTGTACATGCACTCAGGGAGGCCCTGGGGGCTGCCAGCCTGACAACCTGAAGCCCTATGTTG
 AGGATGTGTGGGCACTGCTCTCCAGCGCTGTGAGAGCCCTGAGGAAGGCACTCGGTGTGTGGTGGCTGA
 ATGCATCGGAAAGCTAGTGTGTGAACCCTCCCTTCTCCTGCCCGATTCCGGAAGCAGCTTGTGCA
 GGTGAGCCATACACGCGGAGCACAGTGATCACTGCAGTCAAGTTCCTCATCTCAGACCAGCCACTCCA
 TCGACCCTCTCTGAAGAGCTTCATTGCAGAGTTCATGGAAGCCCTGCAGGACCCAGACCTGAACGTGCG
 CCGGGCCACACTCACCTTCTTCAACTCAGCTGTGCACAACAACCGTTCGCTGGTCCGGGACCTGTTGGAT
 GACATCCTACCCCTCCTCTACCAGGAGACCAAGATCCGCGGGACCTCATCCGAGAGGTGGAGATGGGGC
 CCTTCAAGCATACTGTAGATGATGGGCTGGATGTGAGGAAGGCTGCCTTCGAGTGCATGACTCGTACT
 GGAGAGCTGCCTGGGCCAGCTGGACATCTGCGAGTTTCTGAACCAGTGGAGGATGGGCTAAAGGACCAT
 TATGACATCCGGATGCTGACCTTCATCATGCTGGCCCGGCTGGCCGCTCTTTGCCCTGCACCTGTCTGC
 AGAGGGTGGACCGGCTCATCGAGCCACTCAGAGCCACCTGTACTGCCAAGGTCAAAGCTGGTTCTGTGAA
 GCAGGAGCTGGAGAAGCAGGATGAGCTGAAGCGCTCAGCAATGCGGGCAGTGGCTGCCCTGATGACTAAC
 CCTGAGGTGCGGAAGAGCCCAAGTGTGGCTGACTTTTCTACCCAGATCCGATCCAACCCAGAAGCTGCCA
 CCCTCTTTGAGAGCATCCAAAAGGACACAGCCTCTGGCCCAAGCATGGACTCTATGGAAGTACTAGC TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_181362

Insert Size:

3708 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_181362.1](#), [NP_852027.1](#)

RefSeq Size: 4322 bp

RefSeq ORF: 3708 bp

Locus ID: 192226

UniProt ID: [Q9R0L4](#)

Cytogenetics: 4q42

Gene Summary: a muscle-specific protein that interacts with TATA-binding protein [RGD, Feb 2006]