

Product datasheet for MC202662

Cand2 (NM_025958) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cand2 (NM_025958) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cand2
Synonyms: 2210404G23Rik; mKIAA0667; Tp120b
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC056365 sequence for NM_025958
 ATTCGATTCGACCCGCAACCCCGCGCAGCCAGCATGAGTACCGGTGCCTTCTACATCTCCAGCCTGC
 TGGAGAAGATGACGTCCAGCGACAAGACTTCAGGTTTCATGGCTACCAGTGACCTGATGTCAGAGTTGCA
 GAAAGACTCCATCCAGCTGGATGAGGACAGCGAGCGTAAGGTGGTGAGGACGCTCCTGCGCTCCTGGAG
 GACAGGAGTGGTGGTGCAGAACCTGGCTGTCAAGTGCCTGGTCCCCTGGTGGCAAGGTGAAGGAGT
 ACCAAGTGAGAAACATTGTGGACACCCTCTGTGCCAACATGCGGTGAGACAAGGAGCAGCTCCGGGACAT
 CGCTGGCATTGGCCTGAAGACCGTGTCTTCAGAGCTGCCTCCCGCCGACAGGCTCAGGGCTGGCTATC
 AATGTGTGTGCAAGATCACAGGCCAATCACCAGTGCCATCGCCAGCAGGAGGATGTGGCTGTGCAGC
 TGGAAAGCCCTGGACATCCTCTCTGACATGCTGAGCAGGCTAGGTGCCCGTTGGGCACCTCCATGCAAG
 CCTGCTGCACTGCCTATTGCCCCAGCTGAGCAGCCACGCTGGCTGTGCGCAAGCGCACTGTTGTGCGA
 CTTGGTCACTGGCAGCCGCTGCAGCACTGACCTCTTCGTGGAGCTTGTGACCACCTGGTGGACCGGC
 TGCTGGGCCACGGGCACCCGCCAGCCCTGCAGCCATTGAAACCTGATCCAGTGCTGGGCAGCGTGGG
 CCGTCAGGCAGGCCATCGCTGGGGGCCACCTGGACCGCTGGTGGCCATGGTGGAGGAGTTCGCAAC
 CTGGATGACGATGAGCTAAGAGAGTCTGCCTCCAGGCCCTTGAGGCCTTCTAAGAAAGTGCCCAAGG
 AGATGGACCCACAGTACCCAATGTGACCAGCCTCTGCCTGCAGTACATGAAGCATGACCCCAACTATGA
 CCATGACAGTGATGACGAAGAGCAGATGGAGACCGAGGACAGTGAATTCAGTGAGCAAGAGAGTGAAGGAC
 GAGTACAGTGATGACGACATGAGCTGGAAGGTACGCCGAGCTGCGGCCAAGTGCATGGCAGCCCTCA
 TCAGCTCTCGGCCGACCTCTGCCGACTTCCACTGCACTCTGGCACCTGCGCTCATCCGCCGCTTCAA
 GGAGCGGGAGGAGAACGTCAAGGACAGACATCTTCGGGGTTACATCATGTTGCTGGCAGACATACAGGCC
 CCTAAAGGCTGGTGGAGGCTGTGGAGGAGCCACCCAGACTGGCAGAAACCTCAATATGCTGCGAGCAC
 AGGTGCCCTAGTGATAAAGGCCCTGCAGCGACAACCTAAAGACCGGAATGTTGCGACCCGCCAAGGCTG
 CTTCAACCTCTTACCAGCTGGCAGGCGTCTCCCTGGCAGCCTGGCAGAGCACATGGCTGTGTTGGTG
 TCAGGCATTGTCTTTCACTGGCCGACTACTCAAGCTCTCCACCATTGGATGGATGCCCTGGCCTTCC
 TGCAGGGACTTCTGGGTACAGAGCCGCTGAGGCCTTCCATCCCCACTTGCTACCCTCTACCACCTGT
 GATGGCCTGTGTGGCTGACCCTTCTACAAGGTGGCAGCTGAGGCCTTACTGGTGTCCAGGAGCTGGTG
 CGGACCCTGTGGCCACTGGATAGGCCTCGCTGTGGACCCTGAACCATATGTCGGAGAGATGTCCACAG
 CTACCCTGGCAGCACTCCGAGCCACTGACCTGGACCAGGAGGTGAAGGAACGGGCATCTCTGTGTGGG



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CCACCTTGTGGGTACCTTGGTGATCGACTTGGGGACGACCTAGAACCCACACTTATGCTTCTCCTGGAT
 CGCCTACGGAATGAGATCACCCGGTTGCCTGCTGTCAAGGCACTGACCCTGGTGGCCATGTCCCCATTGC
 GACTTGACCTGCAGCCATCCTGGCTGAGGCCCTGCCATCCTGGCTTCAATTTCTGCGCAAGAATCAGCG
 GGCCCTGCGGCTGGCCACACTGGCTGCTCTGGATGCCCTGGCTCAGAGCCAGGGCCTCGGCCTGCCCCCG
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 TGGCAGGGCCAGGCCCCAGAGGGAGCTGAAGACCGTGTCTTGGAAAGCCTGGGGTCTCCAGTGAGGA
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 CTGCTGGCACAAATTGAGGCCAGCCCCGGCGACAGTACCTGCTGCTACATGCACTCAGGGAGGCCCTGG
 GGCTGCGCAGCCTGACAATCTGAAGCCCTATGTTGAGGATGTGTGGGCGCTGCTTCCAGCGCTGTGA
 GAGCCCCGAGGAAGCACTCGGTGTGGTGGCGGAGTGATCGGAAGCTAGTGTTTGTGAACCTCCC
 TACCTCCTGCCTCGATTCCGGAAGCAGCTCGCTGCAGGTGAGCCATACACCCGGAGCAGGTCATCACTG
 CAGTCAAGTTCCTCATCTCAGACCAGCCTCACTCCATCGACCCTCCTGAAAGAGCTTATTGCGGAGTT
 CATGGAAGCCTGCAGGACCCAGACCTGAACGTGCGCCGGCCACACTCACCTTCTTCAACTCAGCTGTG
 CACAACAAACCATCACTGGTCCGGGACCTGTTGGATGACATCCTGCCCTCCTTACCAGGAGACCAAGA
 TCCGCCGGGACCTCATCCGAGAGGTGGAGATGGGGCCCTCAAGCATACTGTGGATGATGGGCTGGATG
 GAGGAAGGCTGCCTTCGAGTGCATGTACTCGCTGCTGGAGAGTGCCTGGGCCAGCTGGACATGTCCGAG
 TTTCTGAACCACGTGGAGGATGGGCTGAAGGACCATTATGACATCCGGATGCTGACCTTCTCATGTTGG
 CCCGACTGGCCACTCTTTGTCTGCACCTGTCTGCAGAGGGTGGACCGGCTCATCGAGCCACTCAGAGC
 CACCTGTACTGCCAAGGTCAAGGCTGGTCTGTGAAGCAGGAGCTGGAGAAGCAGGAGGACTGAAGCGC
 TCAGCAATGCGGGCAGTGGCCGCCCTGCTGACCAACCCTGAGGTGCGCAAGAGCCCCACTGTAGCTGACT
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 CGGCCCCAGCACGGACTCTATGGAACTCAGCTAGCTGCCCAACACAAGTCTCCCTTCTTATCCCAATA
 GGCCTTGGCCTCTTCTGTCTTCCCTGTCAGCCTCAGTGCCTTTGCTAGGGCCCCCTGCTCACAGCCCCA
 GTGCCAAAGCCGGGCCACCAACTCAGGACGTTTATTACGAGCGTCATGTCCACCACCTTTACTACTGC
 ACCCTCCACTCACTTAGGAGCCAGAATTGGCCTATGCCAAGACCAGAAGGCAAGCAGGGGGTTGACTT
 CCTACTTCACTTACTCTGAAGTCCAATGTCAGTTAGCACCTGAACCTAGCCATGGGTAGGGTATGTAG
 AGCCCATACAAGAGAACCAATTTATACTTAGTGCCTCATTAGTTAGCAGAGTGAGAACTGTTTACAGGGA
 AGATAGTGTGGCTCATTGGCCAGGTGTAGGTCCACTGTCTCAAACATCCCTAATCCCATCACCCAGGAGT
 GTAACAGTCGGCTTGTGCTCTTCCCGACTTTGTAGTTAGTACTGAAAATTTAAGTATAAATGACAGGTTT
 TGATTTTAAAGACATTGTTTCTTTGTAGCCACATATGGCCAGACTCAATCCACCTGCCTGGAATTA
 AAGCCAGCTGAGGCCAGTTATCTGAGTTAATAACATATACAAAGCTCTCCTCACAGGATTCTTATCCATA
 TTGATTCAGTCTGAAAATAACAAGGCCGATGGCATAGACCTGTTATCCTAATTCCTTAGGAGGCTGAGC
 CTGGACCACACACTCAGGTGCTAGTGAACAAATTTAAGATCTACCTAAAAGCAACAGGGCAGGATAGCTC
 AGTACCACGCCCTCCTGGTAGCAACAATTTCTAACCTGTCCTAAAGGACCCTATGCCTTCGGGCAGACA
 TATATACAGGCAAAACACCAAAGTTTAAAAATAGCTCAGTTGTAGGCACTCTCCAACACTACAGCAAGAT
 GATAAAACCTCATTTCTACAATGAGAACAAAAGCTTAGTAATAAAAAGGCTGGGATGTCAAAAAAAAAA
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_025958
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:	<ol style="list-style-type: none">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:	BC056365 , AAH56365
RefSeq Size:	4798 bp
RefSeq ORF:	3708 bp
Locus ID:	67088
UniProt ID:	Q6ZQ73
Cytogenetics:	6 E3
Gene Summary:	Probable assembly factor of SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complexes that promotes the exchange of the substrate-recognition F-box subunit in SCF complexes, thereby playing a key role in the cellular repertoire of SCF complexes.[UniProtKB/Swiss-Prot Function]