

Product datasheet for **RN205496**

C2cd5 (NM_001134581) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C2cd5 (NM_001134581) Rat Untagged Clone
Tag:	Tag Free
Symbol:	C2cd5
Synonyms:	RGD1304592
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205496 representing NM_001134581 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCCGGGAAGCTGAAGGTGAAAATCGTGCCGGTCGCCATTTGCCGGTGATGGACCGTGCCAGTGATC
TGACGGACGCCTTCGTGGAGGTAAAGTTTGTAATACAACCTTTAAGACTGATGTGTACCTCAAGTCACT
CAATCCTCAGTGGAACTCGGAGTGGTTTAAATTTGAGGTGGATGATGAGGACTTACAGGACGAACCTCTG
CAGATCACGGTGCTTGACCACGATACGTACAGTGCAAACGATGCTATCGGCAAGGTGTACATTGACATCG
ACCCTTTACTGTATAGTGAAGCTGCCACAGTCATCTCAGGGTGGTTCCTCAATTTATGACACCATAATGG
TATCCGCGGAGAAATCAATGTTGTTGTCAAAGTAGACCTTTCAATGATTTAAACAGATTTAGACAGTCA
TCATGTGGAGTTAAATCTTTTGACAACATCTATTCCAAAGTGCTACAGAGCTGTGGTAATCCATGGAT
TTGTAGAGGAACCTGTGGTCAATGAGGACCCTGAGTATCAATGGATTGATCGAATCCGTACACCCAGGGC
ATCGAATGAAGCCAGGCAGAGGCTCATTTCCCTTAATGTCAGGTGAGCTACAGAGGAAGATCGGCCTGAAA
GTCCTTGAGATGCGAGGCAATGCCGTTGTTGGCTACTTGCAAGTGCCTTCGACCTGGAGGGCGAGTCTGGGT
TAGTGGTGCGAGCCATAGGAACCGCCTGCACTCTGGATAAATTAAGTAGCCAGCAGCATTCTCTCTGC
ATGCAATTCCTCATCAAAGAAATGAAGGAGATTCCCTTCAATGAAGATCCCAACCCCAATACTCACTCA
TCAGGACCCTCAACCCCTCTGAAAAACCAAACTTATTCCTTTTACCTTCCAAGTCTACAGTCGGCAGT
CCTCTTCTCTGACACAGATTTGAGTTTGACACCCAAGACTGGAATGGGCAGCGGCAGTGTGGAAAAGA
AGGGGGGGCCCTTTAAGGCTCTTTTACGACAACAGACCCAGTCCGCCTTGGAACAGCGGGAGTTCCCTTTC
CTCACCTTGACGGCCTTTCCCTTGACTTCTGTGCAGTTGGCGGTGTTGTCAGTGCACGCTCTGTGA
AGCTTTTACACGGATCCACAACCTGATGAACCAGAAACACGAGATGCGTGGTGGGCAGAAATCAGACA
AGAGATAAAGTCACATGCTAAAGCCTTAGGCTGCCATGCTGTCTGGGCTACAGTGAGTCAACAAGCATC
TGTGAAGAAGTCTGTATTTATCAGCGTCTGGCACAGCAGCTGTACTGAGCCCTCGGTTTCTCCAGGAAG
GCACTGTGGAGGGCTGCTTGAACAAAGGAGACAAAAAGTCCCTGACGTTCTCTTTACAACATATAGATCT
GCCCACAGATGCAGTGGTTGTTGAAAAGGCTGTCTTATTCAGGCAAGGTTATGTCGGTTAAAAAAGAAA



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GCACAGGCAGAAGCCAACGCCACAGCTATCAGTAATCTCTTGCCGTTTATGGAATATGAAGTACACACCC
 AGCTGATGAACAAGCTCAAACCTCAAAGGAATGAATGCTTTGTTGGACTGAGAATTCAGATCACGGTGGG
 CGAGAACATGCTGATGGGCTTAGCGTCGGCCACAGGGGTCTACTAGCAGCCTTACCAACGCCTGGTGGT
 ATCCAGATTGCTGGGAAGACCCCTAATGATGGCTCCTATGAGCAGCACATCTCCCATATGCAGAAGAAAA
 TAAACGACACGATTGCAAAAAACAAGAAGTGTATGAGATCAACCCCGGAGGTGTGTGAAGAGATGAT
 AGGATCACCCATCCCAGAGCCCAGACAGCGCTCAAGACTCTTAAGATCGCAGTCGGAAAGTTCTGATGAA
 GTTACAGAGTTAGACCTCTCACATGGGAAGAAAGATGCTTTTGTGTTAGAGATCGATGACACTGATGCCA
 TGGAAGATGTGCACTCCCTCCTCACTGATGTTCCCTCCTCCTTCAGGTTTTATAGTTGTAATACAGAAAT
 TATGCCTGGCATAAATAATTGGACATCAGAAATACAGATGTTACGTCAGTAAGAGTGGTCAGACTGAGT
 AGCCTCAACCTGACTAACCAAGCTCTCAATAAGAACTTCAACGGCCTCTGTGAGAACTTACTCAAGAGCC
 TGTATTTCAAACCTTCGGTCCATGACCCCTGCTGCCTCTGCCACGTAACTTCACAGTGTCTCTGCCTGA
 AGACGAGTTAATCCAGGTTACAGTCACAGCAGTTGCTATAAGTTTTGACAAACACCAGGCCTTACAGACC
 ACAAGACCCCTCGTGGAGAAGTCACTGCAGAGAGCCTCCACAGATAATGAAGATGGGCTGCAGTTCCCGC
 TGGAGCTCTGCTCGGACTCCCTGCCTTCTCATCCTTTCCCGGCAGCTAAGAACACCTGGAGAGTCCGAG
 CTCTAACTCAGGTATCCCAGCTGCACAGAGAGCTACGTCAGTTGATTACAGTTCTTTGCAGACAGATGC
 AGCAGCTGGATAGAGCTATTAACTGAAAGCTCAGACCATAAGGCGCGGATCAATTAAGACAACCTGTGA
 CTGTTGAAAAGGCGAGTGCCATGGGCGATGCGAATTCCCGGAGCCGCTCTGCGCCACCTTGTCGAGTCC
 CACCGTGGGTGTTGTTAAGATGACGCCTCTTCTTTCATCCCTGGAGCAAAGATAACGAAGTACCTGGGC
 ATCATTAAACATGTTTTTATTAGAGAGACCACTTCCCTCCGTGAGGAAGGCGGAGTCAGTGGCTTTCTCC
 ACGCTTTCATTGCTGAAGTGTGCTATGGTCCGAGCTCACGTGGCCGCGCTGGGAGGGAATGCTGTTGT
 CTCCTACATTATGAAGCAGTGTGCTTCATGGAGAATCCAGTAAGAACCAGGCGTCAGGCCCTTGGC
 CGTGTGCGCCGCGTGCATGAGCTCTGTCTGTCTCCACAGGCACAGTGTCTCATAAACGTCA
 GTGGGGACGCAGTGGTTTTTGTTCGTGACTTGACTTGAAGTCACATCTCAGCAGCCTGCTGCCACCTG
 CCAGCCATCGTCACTGGAGAAGTTACAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001134581

Insert Size:

3114 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_001134581.1, NP_001128053.1

RefSeq Size:

4362 bp

RefSeq ORF: 3114 bp

Locus ID: 362461

Cytogenetics: 4q44