

Product datasheet for **RN206586**

Cd163 (NM_001107887) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd163 (NM_001107887) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd163
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN206586 representing NM_001107887
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAAGAACAGAATGGTTCTTCTGGAGGTGCTGGGTCTCCCGTTATAAAGGATTTGTCCACCTAG
 GTTCTTTGTGGCTGTGAGCTCACTTCTCAGCGTCTCTGCTGCTCACTCAGGCTCCTGAAGGAAGGAA
 GAAGGAAGTGAAGTGGCTGGCTGAAACAACCTGTAGTGGGAGAGTGGAGCTCAAGATCCACGAGAAG
 TGGGGCACAGTGTGCGGTAAACGGCTGGAGCATGAACGAGGTGCCGTGGTTGCCAGCAGCTAGGATGCC
 CAACCTTTGATTAAGCCCGGGATGGGCTAACGCCAGCGGGGCTCTGGGACATCTGGATGGACAAGT
 TTCTTGACAGGGAATGAGTCACTCTTTGGGACTGCAACATGAGGGGTGGGAAAGCACAACCTGTACC
 CATGAACAAGATGCTGGAGTGACCTGCGCAGATGGATCTAATTTGGAGATGAGACTGGTGAACAGCGGGG
 ACAACCGATGCTCAGGAAGAGTAGAAAATAAGTCCAGGGAAAGTGGGGACAGTGTGTGACGACAACCT
 CAGCAAAGATCACGCTTCTGTGATTTGTAACAACCTGGATGTGGAAGTGCCATCAGTTTCTCTGGCTCA
 GCTAAATTAGGAGCTGGTCTGGACAACTGGCTTGATGATCTGGCATGCAATGGAAATGAGTCAAGTCA
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 CTTAGACGGAGCGGATCTGAGCCTGAGACTGGTGGATGGGGTGTCCAAATGTTCCAGGAAGATTGGAAGT
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 AGCAACTGGGATGTCCAACGTCATCACTGCCATTGGCCGAGTTAATGCCAGTGAGGGATCCGGACCAAT
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 AAGCATTACTGTAACCACAAAGAAGACGCTGGCGTGACATGTTCTGATGGAGCAGATCTGGAACCTCGAC
 TCGTCCGTGGAGGCGAGTCCGTGTGCTGGGATGGTGGAGGTGGAGATTCAGAAGCTGACTGGGAAGGTGTG
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 ACACAGTCTAAGATCTACTCTAAAACAAAACCTGAGGCAACAAATACGTGGCTCTTCTCTGGCTCTTGCA
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 AGAAGCCCAAGTTACTTGCTCAGGCCACAGGAAACCCAGACTGGTTGGAGGAGAAATCCCATGTTCCGGT
 CGTGTGGAAGTGAACACGGAGACAGTGGGGTCCGTCTGTGATTTTCGACTTGTCTCTGGAAGCTGCCG
 GCGTGGTGTGAGGAATTACAATGTGGAACAGTCGTCTATCCTAGGGGGAGCACATTTTGGAGAAGG



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AAGCGGACAGATCTGGGGTGAAGAATCCAGTGTAGTGGAGATGAGTCCCATCTTTCTGTGCTCGGTG
GCGCCCCACTGGACAGAACTTGTAGCCACAGCAGGGATGTCAGCATAGTCTGCTCACGATACATAGATA
TCCGTCTGGCAGATGGCAAGTCCCTGTGAGGGAAGAGTGGAGCTCAAGACACTCGGAGCCTGGGGTCC
CCTCTGCAGCTCTCACTGGGACATAGAAGATGCTCATGTCTTATGTCAGCAGCTTAAGTGTGGAGTTGCC
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CAAACAACAAGTTCTACCATTGCAAAGGACAGTGACGTTCCCTGCATAGCAAGTGGTCAACTCCGCTTGG
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TGACAGCTGGGATCTGACGGATGCCAATGTGGTGTGCAAGCAGCTGGACTGTGGCGTGGCTATTAATGCC
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CAGGCCCATGTGGACAGATAGTGTGCAAGTGTCCAAAAGGAGTTGACACTTGTGGCAGTGCCCTCATCA
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AGGAAGGGCATACAGACTGTTCTGGACGTGTGGAGATCTGGCATAGAGGTTCTGGGGAACAGTGTGTGA
TGACTCCTGGGATCTTAATGATGCTGAGGTTGCATGTAAGCAGCTGGGCTGTGGTCAAGCTGTGGAGGCA
CTAAAAGAAGCAGCATTGGTCCAGGAAGTGGGCCCATATGGCTGAATGAAATGAAGTGTAGAGGGAATG
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TGTGAAGTGCCTCCCAAGAATGACTTTAGAATCACAGCATGGCACAGGTCATTCAACCCTCACTGCACCTC
CTGGTTTGTGGAGCCATTCTATTGGTCTCTCATTGCCTTCTCTTGTGGACTCTGAAGCGACGACAGA
CCCAACGGCTTACAGTTTCCCTCAAGAGGAGAGGTCCTTGATACATCAAGTTCAGTACCAAGAGATGGATT
GAAGACGGATGATCTGGACTGTGAAATCCTCGGGTTGGCATTAAAGAAACCTTGACATGACAGCCAGC
TAA
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:

Sgfl-MluI

ACCN:

NM_001107887

Insert Size:

3363 bp

OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_001107887.1](#), [NP_001101357.1](#)

RefSeq Size: 4223 bp

RefSeq ORF: 3363 bp

Locus ID: 312701

Cytogenetics: 4q42