

Product datasheet for **RN206263**

Depdc5 (NM_001107229) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Depdc5 (NM_001107229) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Depdc5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206263 representing NM_001107229 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCGACTAAAGAAAAGTTGGTGAGCACCTGTGCCTATATCACCCAGAAAGTGAATTTGCTGGCA
TCAGGGCACAGGCTGGTGAGCTGTGGTCAAGAATGAGAAGTTCATGTGTGTTACATTAGTGAAGAGAC
CAGGGTGGTGTCCGTTCTACGTCGGCTATGGTTACATATTTATTCAGATGAGCTGAAATGTGGGAT
TTTGATATTTATGGGATCTGTACTTTGAGAAAGCTGTGAATGGTTTCCTTGCCGACCTGTTACTAAGT
GGAAGGAGAAGAACTGTAGCCATGAAGTACTGTGGTTCTGTTTTCTAGAACTTTTTATGATGCAAAATC
TATTGATGAATTTCTGAAGTAAACCGAGCTTCAATTCACAGGATCATAAAGGGAGATTCTACGAGGAC
TTTTACAAAGTGGTGGTGCAGAACGAGAGAAGGAAGAGTGGACGTCCTTGTGACCATTAAGAAAC
TCTTCATCCAGTATCCAGTGTGGTTCGACTGGAACAGGCAGGGGGCTTTCCTCAAGGAGACAATTCTAC
CTCAGCACAAGGAACTACCTAGAGGCCATCAACTTGTCAATCAATGTGTTTGACAAGCACTACATCAAC
CGAAACTTTGACCGAAGTGGCAGATGTCCGTGGTGTATCACGCCGGGGTGGGTGTCTTTGAAGTGGACC
GCCTCCTCATGATCTTGACCAAGCAGCGGATGATCGATAATGGAATGGTGTGGACTTAGTGTGCATGGG
AGAGCAGCCATTACACGCTGTGCCATTATCAAGCTGCACAACCGGAGTGTGCCACGGGATTCCTCGGCTG
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ACAGTTTTCACTCCAAGGATAAACTGGCAGGAAAGAAGTCTGCCACTGAGAAAACCAAAAATGGCCGTGA
TACATCTCTTGGGGCTCCAAAGGAATCTGAAAACACCCTCCCATCCAAGTAGATTATGATGCCTACGAT
GCCCAAGTATTCGGGCTGCCTGGTCCATCCCGGGCCAGCAGCTCGCCACCTGCAGGTCTGTGAGAGAGC
AGGAAAATCACAATCGAAAAGTCCAGCTCCTGTGACGTCTCCTCCAGCCCTTCTTCCAAGCCGTGC
ACTGCCACTGAGGAAGTGAAGGACCCAGGCTTCAGACGACAGCTCCCTGGGCAAGAGCACCAACATCCTG
ATGATCCCTAACCCCATCTGCACCAAGTGAAGTCAAGCTCACTGGGCTACACCAGCACCCGAGATG
TCCTGGAGAACATGATAGAACCACACAGCGGGACTCTAGTGCACCTGGAAGTTCCACGTGGGCAAGTGC
AGAGTCCATGCTACATGTTTCGACCTGGAGGCTACACCCCTCAGAGAGCACTGATTAACCCCTTCGCCCC
TCAAGAATGCCCATGAAGCTCACCTCCAACAGAAGGCGCTGGATGCATACTTTTCTGTAGGACCATCTG
GAGAGGCCATCCAGATCCATCATCAAAACCCGCAAAAACATGGCAGAGCTGCAGGGCAGCAGCGCGGA
CCCCACCCACTCCTGTCAGAACTGTTGGAGCTGGCATATCATGAAGCCGAGGAAGGCACAGCACTTCC



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CGACAGCCTGGTGACAGCATGTCCTTGAACCTCAGTGGAACGGAAGAGCTTTCTGTCAGCCTGCTTAGCA
 ACACGGCACAGGTATGAATCCTAGGAACCAGAATAAGGACTCTCTAGAGGATGGTGTCTTACCTCTCC
 AGACCCAATGCCAGGCTTCTGTTGCACAGTTGGAGTGGATTGGAAGTCTCTTACTACTCTGCATGCCTT
 CCCCTCACCAGTACTTCCCGGACCGTCAGGGCCTGCAGAATGACTACACAGAGGGCTGCTATGATC
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 CCTTCCACTCTGACTCAGAGTTGTCTCCTGTTGGGTGGAATTCTGCCATGAACGGCTAGAGGAATACA
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 GGAAGAAAGGAACCTCAGCTCTGTCTGCCTGCTGGAGATGGAGGCTAGTCAGAAGAGCCTAGGAGAAC
 AGCAGACAAGTGTGCATGGGAAAAGCTCTACTAGCCAGCTGAGAACAGCAGTGTGGCCATGACTCCCAC
 CTATGTGGACAGCCCACGAAGGCATCTGTGGACCAACAGCTCCTCTGGTGTGGACAGCACCAGTTTA
 GGGGTCAGCAGTGCAGTCCGTGGATAGAGGCAATAACCAGACCTTTGGGAACTCCCAGAACATAGAAC
 AGGCCTTTCCCTTACAGGCTCTGGAGACGGCAGCTCTCAGCAGCACATAGCCAGCTCTCTGACATCGTC
 CTCTACCCTGGTGGAGATCCTGGAAGCCATGAAGCATCCCTCGACAGGAGTCCAGCTGCTGTCTGAGCAG
 AAGGGCCTTTCCCGTGTCTTTCATCAGTCCGAGGTCGTACTGCTGATGAACAATGTGGAGGGGG
 TCCAGACGCAGGCGATGGGCATCGACATCATGCAGAAAATGCTGGAAGAGCAGCTCATAGCCATGCATC
 TGGAGAAGCATGGCGAACCTTCTGCTACGGCTTCTATTTCTACAAGATAGTACGGACAGAGAGCCCGAA
 CGAGTGGCTATGCAGCAGCCCTCTGCCCATGGCACACAGCAGGAGTGGATGACTTTGCCAGCTTCCAAC
 GCAAGTGGTTGAGGTGGCCTTTGTGGCAGAAGAGCTTGTGCACTCCGAGATTCTGCCTTCTCTCTGCC
 CTGGCTACCTAGCCGGCCAGCCTTACGCAAGCAGGCACAGCTCCTTTAGCCGAAGTTTGGAGGACGG
 AGCCAGGCAGCTGCACTGTTAGCTGCCACTGTCCAGAGCAGAGGACTGTGACCTGGATGTCGATGTGA
 ACAACCGAACGGACCGGCTGGAGTGGTGCAGCTGTTACTACCACGAAACTTCTCTCTCAACGCAGCCTT
 TGAATCAAGCTACTGGATGGCAGTACTGCCACAGTCTGTTGAGATGGTCCAAGGTTGGCATCGA
 AAAGCTACATCCTGCGGCTTCTGTTAGTCCCGTTTTGGAGGTCCTTTTGCAGTCCCCAGTTACCTGT
 ACGGTGACCCCTTGGAGGCCAGCTCTTATCCCGCTCAACCTCGGCTGCTTGTCAAGGAGGGCAGCGA
 GCACCTGTTGATAGCTTTGAACCAGAGACATATTGGGATCGAATGCACCTTTTCCAGGAAGCCATTGCA
 CACAGGTTTGATTTGTGCAAGATAAATATTCTGCCTCCGCGTTTAACTCCCTGCTGAGAATAAACCCAC
 AGTATATCCACGTACAGGAACAGTGTCTTCCAGCTGCCGTAACCAACGCAAGTTTTCTGGGCAGCA
 GCGGCGGCAGCGAACTTACCAGCTCCACCAACCAAAACATGTTCTGTGAGGAGCGGTTGGCTACAAC
 TGGGCTATAACACCATGCTGACCAAGACATGGCGCTCTAGTCCACGGGGGATGAGAAGTTTCCCGATC
 GGCTGCTGAAGGACTTACGGATTTCTGTATCAACCGTGACAACCGCCTGGTACATTCTGGACAAACTG
 CCTGGAGAAGATGCACGCCAGCGCTCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001107229

Insert Size:

4371 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:	<u>NM_001107229.1, NP_001100699.1</u>
RefSeq Size:	8076 bp
RefSeq ORF:	4371 bp
Locus ID:	305464
Cytogenetics:	14q21