

## Product datasheet for **MC203033**

### Depdc1a (NM\_029523) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Depdc1a (NM_029523) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Depdc1a
Synonyms:	5830484J08Rik; Depdc1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC023934  
 CCACGCGTCCGCAACTCCAGGCCACAGAGGTTCTGCTACCGCGCACTTTCCGCAGCCTCTCAGCCCGGC  
 AATGATAGCATGGAGCGTCAGGGTGCTCCTCTTGGACCTTACCGGGCCACCAAGCTGTGGAATGAAGTAA  
 CCACATCTTTTCGAGTAGGAATGCCTTTAAGAAAAATAGACAACATTTAAAAAATATAGCAATTGTTT  
 CACTGCAGTTGAAGCTATAGATTGGCTTTATGATCTGTTAAGAAGTAATAGTAATTTTGGTCTGAAGTT  
 ACAAGACAACAGACTATTCAACTATTGAGAAAAATTTCTTAAGAATCATGTGATTGAAGATATCAAAGGT  
 GATGGGGATCGGAAAGCCTTGATGACAACAATCAACTATTCAGATTTCCGCAACTTCTCCACTTAAAAAC  
 TTTTCCACAAAGACATACAGAAATCAAGAAAACCAACACAGAGTACTTTTCCAAAGACAAAGATGGTATT  
 TTTAAATTACGAAACTTATCTCAAAAAACTTCTAAGAAGCGTGGATTACATTTCTCTCAGAAAAATACAG  
 AAAAGATAAATCATGAAAGAATAACCAATGAAGATCTAGAAATTGCACCTGACAACCAAGAAATAAGCCA  
 GGAAGATGTTGAAGAAGTTGGAGATACGTTATTATGATATACCTGCAAACCATTTTAAAGTTGCCATCC  
 ATAGAAGAACTCTTAAACCCAAACCAAGTAATTCCTCAATATATAATGTACAACATGGCCAACACAAGTA  
 AGCATGGAGTGGTCATACTACAAGACAAATCAGACGATCTCCACATTGGGTTTTATCTGCAATGAAGTG  
 CCTAGCAAATGGCCAAGAAGTAATGACACCAATAATCTAACTTATGTTGGATTTGAACGTGATGTATTC  
 AAAACAATTGCAGATTATTTCTAAATCTCCCTGAACCTCTACTTACATTTGAATATTATGAATTATTTG  
 TGAACATTTTGGTTGTTTGTGGCTACATCACAGTTTCAGATAGAACAAGTGAATACATAAAATACAAGA  
 TGATCCACGATCTTCAAAAATCCATGATTTAAGCAATTTGAATTCCTTCAAACTCAACTGAGTGTCTTCTT  
 CTCAGTCTGCTTTACAAAGACAAAAGCAATGAAGAGTTGGATTCTACTAAAAGACTACAAAGAAATGATC  
 AAGGATTTCAAGAAAGATGTGCCAAGAAAATGCAGCTAGATAATTTAAGAAACAGAAAGAGCTAGTGCTAA  
 TGACATAATGGGAGGAAGCTGTCAATAATTAATAGGCTTAAGTAATACAATGCCCTGTCTCTAACATC  
 AAACCAAGGTGCTCTTCTTTGGAAGGAATTGTAGATAGGCCAGTGAATCAAGTGAAGAAGTCCAGTA  
 TCTTCTACCAGTCTGTTCTGAACATAGAAGAACAAAATAGTAAGCAATCGTTAGTGTCTGCACCCAAACA  
 GACACCCCTATTTAATCTTCACTCAGATGAAAATGCTCAGCAGCCACACTGTGTTGGTTTTAACAGAACC  
 TCTGCTTTGACTGTTCAAGACCAAGAAGAGTTATGTAATGAAAAGTATAAGTCAAAAACAGCTTTGTAGAT  
 CTCAGAGTTTACTTTAAGAAGTAGTACAAGACAGAATAGTTGTATCAATAAACCAAGTGGCTGAAATTTAT  
 AATGAAACCAATGTTGGACAAGGGAGTACAAGTGAAGTCTCGGAGAGTCTAGTACCACAATCAATAAAGA  
 CTGTGCAAAGCACCATAGAACTTTAGAGAAATCTTTACCTCCAGCTGCTTCTGTGTTGACTGGCACAC  
 AAAGTTTGTGCAACCTCACTTAGAGAGGGTGGCCATCAATGCTCTACAGTTATGTTGTTTGTACTTCC  
 CCCACCAATCGTAGAAAGCTTCAACTCTAATGCGCATGATTTCTAGAATGAGTCAAAAATGTTGATATG  
 CCCAAACTTCATGAACAAATAGGTACAAGATCATTGATGATAAAACTTTTTCTCGATGTGTACTATGTT  
 GTGCTGAAGAAGTGGATCTTGATGAGCTTCTGGCTTCAAGATTAGTTTCTTCTAATGGATCATCATCA  
 GGAATTTCTTCAAGTACCCACTTATTTACAAGCTGCAGTGGAGAAACATCTTGACTACATTA AAAAGGGC  
 AATGTTAAAAATCATGGAGATGGACTAGTTGTTCCCTTGCCAACATATTCTTACTGTAAACAGATTAGTG  
 CTAAGAATTTGATGAACAGAAAATTTCAACTCCCAAGCTGCAATTGCAGAACTTTTGGAGAATATTGT  
 CAGAAGTAAAAGCTTGTCTCTAAAGGAGAAAAGAAGAAAATGAAACAGAAAGGAATACCCCTTGATATAT  
 CAGAAAAGATTTCAACCACTGAGAGTGAAGCAGCACTTTTTGATGATAAACCTACAATCAAGCAACCGA  
 TGCTGAATTTAAGAAACCCCAAGCTTACAGTCTGCGTACTGACTTAAAACCTCAACAAATGAAGCCGT  
 ACATGAGACTATTTCTACTTAAAAGAACACTGTTGATATTATAGGTTCCCTTCAAAGGACATTATACAAG  
 GAGGTGACAAAACAGTCTTTATCTGTGCGAGGCTGCTAAAGCTACTGGATCTGCCCTAAGTGCCTAACGA  
 AAGGTGATACCAATATTTAATCAGAAACTATTTTTAATATAATGATCTGGTAAGACTATCAGAATTG  
 TACCATCCAGATAAAAATGTTGGTCTTTTTAAAGAAGAAAACAGTCTGTGTCTATATGTATATTAGCTAA  
 AGAACTGGTTGTTAAGATTGCTTCTTTATTTATAAGTATCAGATCATGAAAAATATTGTACACTTTTAT  
 ATAATCTTTTACACTTATGGTCTATTTAACTTTATATAAACACACTTGTAGTTTAGCTTTAAAAA AAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_029523  
**Insert Size:** 2415 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC023934</a> , <a href="#">AAH23934</a>
<b>RefSeq Size:</b>	2946 bp
<b>RefSeq ORF:</b>	2415 bp
<b>Locus ID:</b>	76131
<b>UniProt ID:</b>	<a href="#">Q8CIG0</a>
<b>Cytogenetics:</b>	3 H4
<b>Gene Summary:</b>	<p>May be involved in transcriptional regulation as a transcriptional corepressor. The DEPDC1A-ZNF224 complex may play a critical role in bladder carcinogenesis by repressing the transcription of the A20 gene, leading to transport of NF-KB protein into the nucleus, resulting in suppression of apoptosis of bladder cancer cells (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region, compared to variant 1. The resulting isoform (2) lacks a two amino acid segment near the C-terminus, compared to isoform 1.</p>