

Product datasheet for **SC100351**

DEPDC1B (NM_018369) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	DEPDC1B
Synonyms:	BRCC3; XTP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:

>OriGene sequence for NM_018369 edited
 GAATTCGGCACCAGGCGGCCGCTGCTGCCTACGCGCCATGGAGCATCGCATCGTGGGGCC
 CGGGCCGTACCGAGCTACCAGGCTGTGGAATGAGACCGTGGAGCTTTTCGTGCTAAGAT
 GCCGTTACGGAACATCGCTGTCGTTTCAAGAGCTATGAGCATTGTTTACAGCGGCCGA
 AGCTGTGGATTGGCTGCATGAGCTGCTGAGGTGCAGTCAAACTTCGGCCCTGAAGTGAC
 CCGCAAAACAAACGGTCCAGCTGCTAAAAAATTCCTGAAGAATCACGTTATTGAAGACAT
 CAAGGGAATGGGTGAGGAAGATTTGAAGACAATCGTCACTTATACAGATTTCTCC
 TTCTTACCCTGAAACCATATCCAAAGAAGCCCCAAACCAAGGATGTTATTAATTT
 TCCAGAATGGAATGATCTCCACCAGGCACTTCACAAGAGAATCCCACTGAGGCCAGT
 TGTGATGAATCTGAGATGTGGTACAAGCGTCACAGTATTGCAATTGGAGAGGTGCCAGC
 TTGCCGCTCTGTCCACCGCAGACAGCTGACAGAGGCCAATGTAGAAGAGATATGGAAGTC
 TATGACATTATCATCTTACAGAAAATTCCTGGCCTGGATTCTTAGAAGAAAGTTTGA
 CGTCAAACTTGTAATTGCAAGTTCATCATCCATAATGTATATAGTGTTAGCAAGCAGGG
 AGTTGTTATCTTGATGACAAGTCAAAAGAACTTCCTCATTGGGTGCTGCAGCTATGAA
 GTGTTTGGCAAATGGCCCACTGTTCTGATTTGAAGCAGCCTATGTACTTGGGATTTGA
 AAAAGATGTCTTTAAACCATAGCTGATTACTATGGTCACTTGAAAGAGCCTCTACTTAC
 ATTTCACTTTTTGATGCTTTTGTCAGTGTACTGGGTTTGTACAGAAGGAGAAAGTGGC
 AGTTGAAGCATTTAGATTTGCTGCCTTCTCTACCTCCTGAAAAAGGAGAAAGTTACA
 GCTATTGATGAGGATGATGGCAAGGATTTGCTTAAACAAGAGATGCCACCCCTGTGTGA
 TGGCTTTGGTACCGAACCACTGATGGTTCAGACATTTTCCCGTTGCATCTTGTGTTCCAA
 GGATGAAGTGGACTTGATGAGTTATTAGCTGCTAGATTGGTAACGTTTCTGATGGACAA
 TTACCAGGAAATCTGAAAGTCCCTTTGGCCTTGACAGCCTCTATAGAGGAGCGTGTGGC
 TCATCTACGAAGAGTCCAGATAAAATACCCAGGAGCTGATATGGATATCACTTTATCTGC
 TCCATCATTTTGGCGTCAAATTAGTCCAGAGGAATTTGAATATCAAAGATCATATGGCTC
 TCAGGAACCTCTGGCAGCCTTGTGGAGGAAGTCATAACAGATGCCAACTCTCCAACAA
 AGAGAAAAAGAAAGAACTGAAGCAGTTTCAGAAATCCTATCCTGAAGTCTATCAAGAACG
 ATTTCTACACAGAAAGTGCAGCACTTCTGTTTCTGAAAAACCAACCGAAACCACA
 GCTGCTAATGTGGGCACTAAAGAAAGCCTTTCCAACCATTTCAAAGAACTAGAAGTTTTCG
 AATGTAATAATACTTCCACAGCAACAGGTGCTAGAGACCACTGTTGTTGTTTGAAGTGA
 TGGTGGTTAGGAGAAAGACTTTGGTGGTGAAGAAAGAAAGCATAAACAAAGACTACT
 GAAATATAGATAAAGATTGCCTTAGTTTTTAAAAATGTTTGGCCATTAGTATTTTATAA
 AACTCAATGCTAGTTTTAAAGTGTATAAATTGGTTAAATTTATGAGTCAAATATATAGT
 GATAATGTTAACATGTTTGAATTGCTACAGAATTTAAGGGTATTTTATCTCTGTGCTT
 TCTTTTTATGGTGTATTATTAATAATTGTGTATATACATCCTAGCTACTGATATCTTTA
 TTATAGCCTTAAGACTTAATTTAAGTCTTAAAAATAGCGTGTATACTTGAATAAGAAAG
 ACACTGGGTACTGTTACTGTGATGCTATTGACTTAGTAGCAATTATCATTTCTCCTGTA
 TAAATTCCAGTTTTATTGCTGCACATAAATTTTTTAATGTCTTATATTGTGATAGCTAT
 GTCTTTTATTGAGATTTATTGGATGTTATGACAGATTTTACTAAAGCTAGTGTGTTTAT
 AACATATATATTAGTTGATGTTTACCTATAAGTGGAGTAGATTTTCATCTGCCTGCAATG
 GTATAATTTCACTTAGCTTAAATGGAAGTTGAACTGGATAAATTTCTTGGGTACCC
 TTAGACCTCTGATTCTAAGTCAATGCAATGGGTTAAATAAAATGAGACTACTTCCTTT
 AATAATATATTTTCATCTTTTGAAGTAAGTGAATGTAATAAACTATTTTTTTTAA
 AATGCCAC

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_018369 unedited NNGGGGCTGTCAGCATTGTATACGACTCCTATAGGGCGGCCGGAATTCGCACCAGGCG GCCGCTGCTGCCTACGCGCCATGGAGCATCGCATCGTGGGGCCGGGCCGTACCGAGCTA CCAGGCTGTGGAATGAGACCGTGGAGCTTTTTCGTGCTAAGATGCCGTTACGGAAACATC GCTGTCGTTTCAAGAGCTATGAGCATTGTTTCACAGCGGCCGAAGCTGTGGATTGGCTGC ATGAGCTGCTGAGGTGCAGTCAAACTTCGGCCCTGAAGTGACCCGCAACAAACGGTCC AGCTGTAAAAAATTCCTGAAGAATCACGTTATTGAAGACATCAAGGAAAAATGGGTG AGGAAGATTTTGAAGACAATCGTCACCTTATACAGATTTCTCTTCTTACCCTGAAAC CATATCCAAAGAAGCCCCAAACAAAAGGATGTTATTAATTTCCAGAATGGAATGATC TCCCACCAGGCACTTCAAGAGAATCCAGTGAGGCCAGTTGTGATGAATTCTGAGA TGTGGTACAAGCGTCACAGTATTGCAATTGGAGAGTGCCAGCTTGCCGCTTTGCCACC GCAGACAGCTGACAGAGGCCAATGTAGAAGAGATATGGAAGTCTATGACATTATCATACT TACAGAAAATTCCTGGCCTGGATTCTTAGAAGAAGTTNTAGACGTCAAACTTGTCAATT CGAAGTTCATCATCCATAATGTATATAGTGTAGCAAGCAGGGAGTTGTTATTCTTNGAT GACAGTCANAAGACTTCCTCATTGGGTGCTGTCAGCTATGAAGTGTGGCAATTGGCCC AACTGTTCTGATTTGAGCAGCCTATGTACTTNGGC
Restriction Sites:	NotI-NotI
ACCN:	NM_018369
Insert Size:	2300 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_018369.1</u> , <u>NP_060839.1</u>
RefSeq Size:	2484 bp
RefSeq ORF:	1590 bp
Locus ID:	55789
UniProt ID:	<u>Q8WUY9</u>

Cytogenetics: 5q12.1

Domains: DEP