

Product datasheet for **SC303775**

ARID3B (NM_006465) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ARID3B (NM_006465) Human Untagged Clone
Tag:	Tag Free
Symbol:	ARID3B
Synonyms:	BDP; DRIL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF sequence for NM_006465 edited
 ATGGAGCCACTTCAGCAGCAGCAGCAGCAGCAGCAGCAACAACAGAAGCAGCCACAC
 CTGGCTCCTCTGCAGATGGATGCCAGAGAGAAGCAGGGCCAGCAGATGAGAGAAGCCAG
 TTCTTGTATGCCAAAAGCTGGTACACAGCCGACTCTCCTTTCCGCCACAGCTGGGAGA
 CCTTCTGGCAGCACTCCCTTAGGTCCCTTAGCCAGAGTTCACCCACCGCAGCAGTGGCC
 CAAGTGTTTGAACGGGGCAACATGAACTCAGAGCCTGAGGAAGAGGACGGAGGTTTGGAA
 GATGAGGATGGGATGATGAAGTTGCAGAGGTGGCTGAGAAAGAACCAGGCTGCTTCA
 AAATATTTTCATGTGCAGAAAGTAGCTCGCCAAGATCCCAGAGTGGCACCCATGTCCAAT
 CTACTTCCAGCACCAGGGCTCCCACCACATGGACAACAAGCTAAAGAAGACCATACCAAA
 GATGCTTCCAAGGCCTCACCTTCTGTCTCCACAGCAGGACAGCCGAACTGGAATCTGGAT
 GAGCAGCTCAAGCAGAATGGTGGTTTGGCCTGGAGTGATGATGCAGATGGAGGCCGGGA
 AGAGAGATCTCTCGAGATTTTGCCAAGCTGTATGAACTGGACGGTGATCCTGAAAGGAAA
 GAGTTCCTGGATGACCTTTCGTCTTTATGCAGAAGAGGGGGACCCCATCAACCGAATC
 CCCATCATGGCCAAACAGATCCTGGACCTGTACATGCTGTATAAGCTGGTGACCGAGAAG
 GGAGGCCCTGGTGGAGATCATCAACAAGAAGATCTGGAGGGAGATCACAAAGGCCTAAAC
 CTGCCACATCCATCACAGCGCCGCTTACCCTCAGGACGCAGTACATGAAGTATCTG
 TATGCCTATGAGTGTGAGAAGAAAGCCTTGAGTTCCTCCAGCCGAGCTCCAGGCAGCAATT
 GATGGCAACCGCAGGGAGGGCCGGCCAGCTACAGCTCCTCCTCTTTGGTACTCA
 CCTGCTGCGGCTACTGCTGCTGCCGCTGCCGGGGCCCCTGCCCTTCTCTCCCAACCAAG
 ATCCGCTTTCCCATCCTTGGGCTTGGCTCCAGCAGTGGTACCAATACCAGTAGCCCTCGG
 ATATCCCAGCAACCACTCTCAGAAAGGTGATGGAGCCCCAGTGACAACAGTGCCTGTG
 CCAAATCGTCTGGCTGTGCCCGTGACCTTGGCAAGCCAGCAGGCTGGTACTCGGACCGCC
 GCACTGGAGCAGCTGCCGGAGCGGCTGGAGTCAGGGGAGCCTGCTGAGAAGAAGGCATCG
 AGGCTGTCTGAGGAGGAGCAGCGCCTGGTGCAGCAGGCCTTCCAGCGCAACTTTTTTCAGC
 ATGGCACGGCAGCTCCCCATGAAGATCAGGATCAACGGCA : GG : : GAAGACAGAGCAGAG
 GCCTCGGCTGCAGCACTGAACCTGACCAGAGTAGCATTGGGAGCATTAAATGTCTGTG
 GACATCGATGGCACCACCTATGCAGGTGTGCTGTTTGGCCAGAAGCCTGTGGTCCACCTC
 ATCAGGGGTCTGCTCCCAGAGCCTCGGCAGCAGCGCCAGCAGCAGCAGCAGCTCTCAC
 TGTTACCAAGTCTACCTCATCCCGGGGCACCCAGCGCAGAGCCCTCCACCAGCTGG
 TCCCTCTGA

Restriction Sites: Please inquire

ACCN: NM_006465

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).

OTI Annotation: The ORF of this clone has been fully sequenced and found to contain 3bp insertion which is a 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:	NM_006465.1 , NP_006456.1
RefSeq Size:	4214 bp
RefSeq ORF:	1683 bp
Locus ID:	10620
UniProt ID:	Q8IVW6
Cytogenetics:	15q24.1
Protein Families:	Stem cell - Pluripotency
Gene Summary:	<p>This gene encodes a member of the ARID (AT-rich interaction domain) family of DNA-binding proteins. The encoded protein is homologous with two proteins that bind to the retinoblastoma gene product, and also with the mouse Bright and Drosophila dead ringer proteins. A pseudogene on chromosome 1p31 exists for this gene. Members of the ARID family have roles in embryonic patterning, cell lineage gene regulation, cell cycle control, transcriptional regulation and possibly in chromatin structure modification. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. It encodes isoform 2 which is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>