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Product datasheet for SC306257

DBF4B (NM_145663) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DBF4B (NM_145663) Human Untagged Clone
Tag:	Tag Free
Symbol:	DBF4B
Synonyms:	ASKL1; CHIFB; DRF1; ZDBF1B
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>OriGene sequence for NM_145663 edited
GTAGGGCGGATCTCGCAGCTACGGCGTTCTTTTAGGGGTGGAGCCGGCAGGAAATTTAAA
CTGAAGCCGCGGCCGAAAACGCCAAGAGATTGATGCTGTAGCTGCCCTGAGATAACCAGG
ACTGTGGAATCGGGAAGAGCTCATGGAGCTCGCGAATGTAATACGGAGGCCTCTGAGGAA
GGAGTACGGAGGCCGAGAAGGAGCCGGCATTTGATGAGCGAACCGGGAAAGGGAGACGAT
TGCCTCGAGCTGGAGAGTTCCATGGCTGAGAGTAGGCTCCGGGCCCCGGACCTAGGAGTT
TCCAGGTGTCTAGGAAAATGCCAGAAGAACTCACCAGGTGCCAGGAAGCATCCCTTTTCC
GGAAAGTCCTTTTACTTGGATCTGCCTGCTGGCAAGAATCTCCAGTTTTTGACGGGGGCC
ATTCAGCAACTGGGTGGGGTAATTGAGGGTTTTCTGAGCAAAGAAGTAAGTTACATCGTG
TCCAGCCGCAGAGAAGTAAAGGCAGAGAGCAGTGGGAAAAGCCATAGAGGCTGCCCTAGC
CCTAGCCCCAGTGAGGTCAGAGTGGAAACATCGGCCATGGTTGATCCAAAAGGCAGCCAC
CCCAGGCCTTCACGGAAACCCGTTGACTCGGTGCCTCTAAGCAGAGGGAAGGAGCTGCTG
CAGAAGGCTATCAGAAACCAGGGGAGCATCAGTGGAGGAGGCAGTGGGGGCAGCAGCAGC
CTCCTGACCAATGCCCGCTCTTGGGGAGTGAGGATTCTGCACGTGGATGAAATGATGATG
CACGTGCAACAGCTGTCTCTTGCGTCTTTATGTGTGAAAAAACAACAGCCAAAGAAGCCA
GAGGGAACATGTCCAGCAGCAGAGTCAAGAACACGGAAAGTGGCCAGACTGAAGGCCCCG
TTCCTCAAAATCGAAGATGAAAGCAGGAAGTTTCGTCCTTTCCATCATCAGTTTAAATCC
TTTCCTGAAATTTCTTTTCTTGGACCCAAAGATGCAAGTCCCTTTGAGGCCCCGACGACC
CTGGGCAGCATGCACCATACCAGAGAATCCAAGGATGGAGAGCCAAGCCCACGATCAGCT
GCCCACACCATGCCCAGGAGGAAGAAAGGCTACTGCGAGTGCTGTCAGGAGGCCTTCGAG
GAGCTCCATGTGCATCTTCAGAGTGCCCAGCACCGGAGCTTTGCCCTGGAAGCCCATCTA
TATGCAGAAGTGGACAGGATCATTGCTCAGCTCAGCCACAGCTTTGCAGACATCCCTTTC
CAGGCTGGCCTCCCCAGGTGGTCAGGTTCCCCAGCTTCTGATTGTGACCCTCTCTGTCCT
GAGACTCTGCACCCCCATCAGCCCTCCCATCCCAGGGCAGCATCTCCCAGGATAAGGAAA
GAAGACAGCTGCCAGGCATCAGTGACCCAAGGCAGGGCTGCGGGCCAGCAGCGATGGACA
GAATCACTAGATGGTGTGATGGGACCTCCTGCAAGTCACACATGTGTGAGTGCCACAACC
CTCCTGCCGGCCTTGCCCAAGGGCTCCAGGGAGCAGGGCTGCCTCTGTCCCTGCCCAGCC
TCCTTTACCCAGTCTCATCTGGTCACTTCCTTGGCTCTGCTGCCTGGGGAGTGGTCGCCT
GCAGAGGACATGCCCCTCCATCCCTCCCAAGAAAACTCCTTTGCCCCGGCGGACATTCCT
GTTAAGGGCCCACTCCTCTTCCCTGAAGCCAGACCGTGGCTTATGTCTGCACGCTGCTGG
GTTCGTCCCTTTCCTTTTGTGACATGGGGTTGCCTCATTCCCCATGACACCACCCCTCTG
CATGAGGAAGTTTCCCCTTGCCCCTGTCTCAGACTTGGATACCTTTACCTGCTGCTCACA
CAAAGCCTGTGGTGCCGGGTTCGGGTGCCCTCATTGTCAACTGCAGGACCCATTCCCCGA
ACCTCACATCCGTGTACCCTTGCCTTCCCCTCCTATCTCAATGATCATGACCTTGGACAT
CTCTGCCAGGCCAAACCCCAAGGCTGGAACACTCCTCAGCCATTTCTCCATTGCGGCTTC
CTGGCTGTAGACTCAGGTTAG

Restriction Sites: Please inquire

ACCN: NM_145663

Insert Size: 2100 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_145663.1, NP_663696.1
RefSeq Size:	3081 bp
RefSeq ORF:	1848 bp
Locus ID:	80174
UniProt ID:	Q8NFT6
Cytogenetics:	17q21
Gene Summary:	This gene encodes a regulator of the cell division cycle 7 homolog (S. cerevisiae) protein, a serine-threonine kinase which links cell cycle regulation to genome duplication. This protein localizes to the nucleus and, in complex with the cell division cycle 7 homolog (S. cerevisiae) protein, may facilitate M phase progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2010] Transcript Variant: This variant (1) encodes the longer isoform (1).