

## Product datasheet for **SC214349**

### **DBF4 (NM\_006716) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	DBF4 (NM_006716) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DBF4
Synonyms:	ASK; CHIF; DBF4A; ZDBF1
ACCN:	NM_006716
Insert Size:	1420 bp



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**Insert Sequence:** >SC214349 3'UTR clone of NM\_006716  
 The sequence shown below is from the reference sequence of NM\_006716. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCTTCAACTTCTACATTTACTGGCTTTTAGAATTTAAAAAATGCATACTTTTCAGAAGTGATAAGGATC
ATATTCTTGAAATTTTTATAAATATGTATGGAAATTTCTAGGATTTTTTTACCAGCTTTGTTTACAGAC
CCAAATGTAAATATTAATAAATAAATATTTGCAATTTTCTACAGAATTGAATACCTGTTAAAGAAAAATT
ACAGAATAAACTTGTGACTGGTCTTGTTTTACATTATATATATGTTTCGTAATTGTTTCTGAGAATTAC
AATGAATAATAATTTGCTTTGTCACTGAAAACCACCAAGTGAAGTGAATTTGGGGAATATCAAAGTTAG
CATTATACATTTGGATATTCTAGTTGTATTGTAATTTTTAAAAGATTATCAGGATAACATGACCTTGCC
TTGAAAAACCTAAATTTACACAGAAAGAAAAATACATTTCTATGCTTGAATTCTGAAATCATCAGA
AATATTGACACTTGAGGGTCACTGGTGGACCATGCTAGTATTTTGGTGTGAGTAATTAGATTATGTAT
AGGGGTAAGTGAAGCCATGAAGGAAGGACTTAACCAGGCTACCAAGTGAATATAATTTATCTGCTAT
TTTTAATTAACCTTACCTTGTAAATAAATTTAATAATATTCAAAAAGTTGACTCTCCTGTGGCTCATGCCAC
AGGATCCCAGCACTTTGGGAGGCCGAGGCAAGGCTGATCACGAGGTGAGAAGATCAAGACCATCCTGGCC
AACATGGTGAAACCTTGCTACTAAAAATACAAAAAATTAGCTGGGCATGGCGGCATGCGCCTGTAGTC
CCAGCTACTCCCTCCAGAGGCTGAGAATTGCTTGAACCTGGGAAGTGCAGTTGCAGTGAGCCAAGATT
GTGCCACTGTATCCAGACTGGGTGACAGAGTGAGACTCCATCTCAAAAAAAAAAAGTTGACTCTACC
CCCTAATTTGGTAGGAGATGAAGGAGAAAAGGATGGCATTGAATTATAGATACAGTTTTGGGATATATA
CAAGGATTGCCTTGATCTGGCACTTACTGATACAAGCATTGGAGAAGAGAAAATCAAATATAAGAAA
TTTCAATTTGAATCTGTGGATATAAGGCATTTGCCTTTGAGTATGTTCTTGTAGGAGTAAGACTACCAC
CAGTGACATTTCAATTGGTTCTATTGCATAGTACATGAATCTATTGCACTAAAAATTAGTTACTAATC
TTAATTTTTTTGAAATATATGATTCTCAGTACAGGACTAATTCATATGCTTTTCTGCATACATTATTT
TGATCATTGGATAACATCAATGAACACTGGCTTTTTAACACCTTTGTTTTTCATACCAGTACCTGAAAG
TAGGCTCAATAAAAGAGTCTTTACAGTGCATACACGCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_006716.4](#)

**Summary:** Regulatory subunit for CDC7 which activates its kinase activity thereby playing a central role in DNA replication and cell proliferation. Required for progression of S phase. The complex CDC7-DBF4A selectively phosphorylates MCM2 subunit at 'Ser-40' and 'Ser-53' and then is involved in regulating the initiation of DNA replication during cell cycle.[UniProtKB/Swiss-Prot Function]

**Locus ID:** 10926

**MW:** 55.1