

## Recombinant Human DBF4B Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** DBF4B-6459H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | DBF4B MS Standard C13 and N15-labeled recombinant protein (NP_663696) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene encodes a regulator of the cell division cycle 7 homolog ( <i>S. cerevisiae</i> ) 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 ( <i>S. cerevisiae</i> ) protein, may facilitate M phase progression. Alternative splicing results in multiple transcript variants.                                         |
| <b>Molecular Mass</b>   | 67.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MSEPGKGDDCLELESSMAESRLRAPDLGVSRCLGKCQKNSPGARKHPFSGKSFYLDLPAGKNLQFLTGAIQQLGGVIEGFLSKEVSYIVSSRREVKAESSGKSHRGCPSPSPSEVRVETSAMVDPKGSHPRPSRKPVDSVPLSRGKELLQKAIRNQGSISGGGSGGSSLLTNARSWGVRILHVDEMMMHVQQLSLASLCVKKQPKKPEGTCPAAESRTRKVARLKAPFLKIEDES RKFRPFHHQFKSFPEISFLGPKDASPFEAPTTLGSMHHTRESKDGEPSPRSA AHTMPRRKKGYCECCQEAFEELHVHLQSAQHRSFALEAHLA EVDRIIAQLSHSFADIPFQAGLPRWSGSPASDCDPLCPETLHPHQPSHPRAASPRIRKEDSCQASVTQGRAAGQQRWTESLDGVMGPPASHTCVSATTLLPALPKGSREQGCLCPCP |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

ASFTQSHLVTSALLPGEWSPAEDMPLHPSQENSFAPADIPVKGPLLFPPEARWLM  
SARCWVRPFPFVTWGCLIPHDTTPLHEEVSPCPCRLGYLYLLLTQSLWCRVRVPS  
LSTAGPIPRTSHPCTLAFPSYLNHDHDLGHLCQAKPQGWNTPQPFLHCGFLAVDSGT  
RTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** DBF4B DBF4 zinc finger B [ Homo sapiens (human) ]

**Official Symbol** DBF4B

**Synonyms** DBF4B; DBF4 homolog B (S. cerevisiae); protein DBF4 homolog B; ASKL1; chifb; chiffon homolog B (Drosophila); DRF1; FLJ13087; ZDBF1B; zinc finger; DBF type containing 1B; chiffon homolog B; ASK-like protein 1; Dbf4-related factor 1; zinc finger, DBF-type containing 1B; activator of S-phase kinase-like protein 1; CHIFB; MGC15009;

**Gene ID** 80174

**mRNA Refseq** NM\_145663

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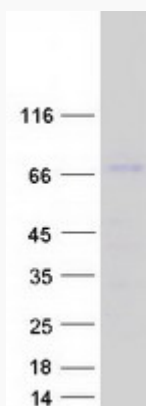
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**Protein Refseq** NP\_663696

**MIM** 611661

**UniProt ID** Q8NFT6

**SDS-PAGE**



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