

# Recombinant Full Length Human DBF4B Protein, GST-tagged

**Cat. No.** DBF4B-3930HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| <b>Product Overview</b> | Human DRF1 full-length ORF ( NP_079380.1, 1 a.a. - 170 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 170 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <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. [provided by RefSeq, Sep 2010] |
| <b>Molecular Mass</b>   | 44.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MSEPGKGDDCLELESSMAESRLRAPDLGVSRCLGKCQKNSPGARKHPFSGKSFYL<br>DLPAGKNLQFLTGAIQQLGGVIEGFLSKEVSYIVSSRREVKAESSGKSHRGCPSPSP<br>SEVRVETSAMVDPKGSHPRPSRKPVDSVPLSRGKELLQKAIRNQVSWGKMGQSR<br>WSPA                                                                                                                                                                                                                                                                  |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                                                                                                               |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                        |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                    |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>        | DBF4B DBF4 homolog B ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> ]                                                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b>  | DBF4B                                                                                                                                                                                                                                                                                                                                                       |
| <b>Synonyms</b>         | DBF4B; DBF4 homolog B ( <i>S. cerevisiae</i> ); protein DBF4 homolog B; ASKL1; chifb; chiffon homolog B ( <i>Drosophila</i> ); 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; |
| <b>Gene ID</b>          | 80174                                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>      | NM_025104                                                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>   | NP_079380                                                                                                                                                                                                                                                                                                                                                   |
| <b>MIM</b>              | 611661                                                                                                                                                                                                                                                                                                                                                      |
| <b>UniProt ID</b>       | Q8NFT6                                                                                                                                                                                                                                                                                                                                                      |

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