

# Recombinant Full Length Human CDC5L Protein, GST-tagged

**Cat. No.** CDC5L-3105HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Product Overview</b> | Human CDC5L full-length ORF (NP_001244.1, 1 a.a. - 802 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>    | 802 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | The protein encoded by this gene shares a significant similarity with Schizosaccharomyces pombe cdc5 gene product, which is a cell cycle regulator important for G2/M transition. This protein has been demonstrated to act as a positive regulator of cell cycle G2/M progression. It was also found to be an essential component of a non-snRNA spliceosome, which contains at least five additional protein factors and is required for the second catalytic step of pre-mRNA splicing. [provided by RefSeq, Jul 2008] |
| <b>Molecular Mass</b>   | 118.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MPRIMIKGGVWRNTEDEILKAAVMKYGKNQWSRIASLLHRKSAKQCKARWYEWLD<br>PSIKKTEWSREEEKLLHLAKLMPTQWRTIAPIIGRTAAQCLEHYEFLLDKAAQRDNE<br>EETDDPRKLKPGIDPNPETKPARPDPIDMDEDELEMLSEARARLANTQGKKAKRK<br>AREKQLEEARRLAALQKRRELRAAGIEIQKKRKRKRGVVDYNAEIPFEKKPALGFYDT<br>SEENYQALDADFRKLRQQDLGELRSEKEGRDRKKDKQHLKRKKESDLPSAILQTS<br>GVSEFTKKRSKLVLPAPQISDAELQEVVKVGQASEIARQTAEEESGITNSASSTLLSEY                                                                                                                                                   |

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NVTNNSVALRTPRTPASQDRILQEAQNLMAITNVDTPLKGGGLNTPLHESDFSGVTP  
 QRQVVQTPNTVLSTPFRTPSNGAEGLTTPRSGLTPKPVINSTPGRTPLRDKLNINPED  
 GMADYSDPSYVKQMERESREHLRLGLLGLPAPKNDFEIVLPENAEKELEEREIDDTY  
 IEDAADVDAKQAIRDAERVKEMKRMHKAVQKDLPRPSEVNETILRPLNVEPPLTDL  
 QKSEELIKKEMITMLHYDLLHHPYEPGSGNKKGKTVGFGTNNSEHITYLEHNPYEKFS  
 KEELKKAQDVLVQEMEVVKQGMESHGELSSEAYNQVWEECYSQLVLYLPGQSRYTRA  
 NLASKKDRIESLEKRLEINRGHMTTEAKRAAKMEKKMKILLGGYQSRAMGLMKQLN  
 DLWDQIEQAHLRLTFEELKKHEDSAIPRRLECLKEDVQRQQEREKELQHRYADLLL  
 EKETLKSKF

**Applications**

Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** CDC5L CDC5 cell division cycle 5-like (S. pombe) [ Homo sapiens ]

**Official Symbol** CDC5L

**Synonyms** CDC5L; CDC5 cell division cycle 5-like (S. pombe); CDC5 (cell division cycle 5, S. pombe, homolog) like; cell division cycle 5-like protein; CDC5; CEF1; hCDC5; PCDC5RP; Cdc5-related protein; pombe cdc5-related protein; dJ319D22.1 (CDC5-like protein); CDC5-LIKE; dJ319D22.1; KIAA0432;

**Gene ID** 988

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|                |           |
|----------------|-----------|
| mRNA Refseq    | NM_001253 |
| Protein Refseq | NP_001244 |
| MIM            | 602868    |
| UniProt ID     | Q99459    |

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