

Recombinant Full Length Human CDC5L Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CDC5L full-length ORF (NP_001244.1, 1 a.a. - 802 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	802 amino acids
Description	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]
Molecular Mass	118.7 kDa
AA Sequence	MPRIMIKGGVWRNTEDEILKAAVMKYGKNQWSRIASLLHRKSAKQCKARWYEWLD PSIKKTEWSREEEKLLHLAKLMPTQWRTIAPIIGRTAAQCLEHYEFLLDKAAQRDNE EETDDPRKLKPGIDPNPETKPARPDPIDMDEDELEMLSEARARLANTQGKKAKRK AREKQLEEARRLAALQKRRELRAAGIEIQKKRKRKRGVVDYNAEIPFEKKPALGFYDT SEENYQALDADFRKLRQQDLGELRSEKEGRDRKKDKQHLKRKKESDLPSAILQTS 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

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mRNA Refseq	NM_001253
Protein Refseq	NP_001244
MIM	602868
UniProt ID	Q99459

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