



# Recombinant Human Cell division cycle-associated protein 4 (CDCA4)

<b>Product Code</b>	CSB-BP874832HU
<b>Abbreviation</b>	CDCA4
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9BXL8
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MFARGLKRKC VGHEEDVEGA LAGLKTVSSY SLQRQSLLDM SLVKLQLCHM LVEPNLCRSV LIANTVRQIQ EEMTQDGTWR TVAPQAAERA PLDRLVSTEI LCRAAWGQEG AHPAPGLGDG HTQGPVSDLC PVTSAQAPRH LQSSAWEMDG PRENRGSFHK SLDQIFETLE TKNPSCMEEL FSDVDSPYYD LDTVLTGMMG GARPGPCEGL EGLAPATPGP SSSCKSDLGE LDHVVEILVE T
<b>Source</b>	Baculovirus
<b>Target Names</b>	CDCA4
<b>Protein Names</b>	Recommended name: Cell division cycle-associated protein 4 Alternative name(s): Hematopoietic progenitor protein
<b>Expression Region</b>	1-241
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a protein that belongs to the E2F family of transcription factors. This protein regulates E2F-dependent transcriptional activation and cell proliferation, mainly through the E2F/retinoblastoma protein pathway. It also functions in the regulation of JUN oncogene expression. This protein shows distinctive nuclear-mitotic apparatus distribution, it is involved in spindle organization from prometaphase, and may also play a role as a midzone factor involved in chromosome segregation or cytokinesis. Two alternatively spliced transcript variants encoding the same protein have been noted for this gene. Two pseudogenes have also been identified on chromosome 1.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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