

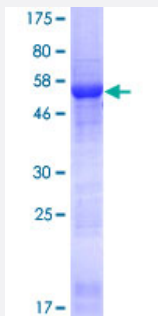
Full-Length

CDCA4 (Human) Recombinant Protein (P01)

Catalog # H00055038-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDCA4 full-length ORF (NP_663747.1, 1 a.a. - 241 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFARGLKRKCVGHEEDVEGALAGLKTVSSYSLQRQSLLDMSLVKLQLCHMLVEPNLCRSVLIAN
TVRQIQEEMTQDGTWRTVAPQAAERAPLDRLVSTEILCRAAWGQEGAHPAPGLGDGHTQGPVS
DLCPV TSAQAPRHLQSSAWEMDGPENRGSFHKSLDQIFETLETKNPSCMEELFSDVDSPYYDL
DTVLTGMMGGARPGPCEGLEGLAPATPGPSSSCKSDLGELDHVVEILVET

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

52.5

Interspecies Antigen Sequence

Mouse (73); Rat (72)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — CDCA4

Entrez GeneID [55038](#)

GeneBank Accession# [NM_145701.1](#)

Protein Accession# [NP_663747.1](#)

Gene Name CDCA4

Gene Alias FLJ20764, FLJ52878, HEPP, MGC19517, SEI-3/HEPP

Gene Description cell division cycle associated 4

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations hematopoietic progenitor protein