

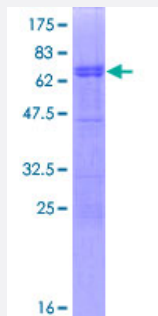
Full-Length

CCNDBP1 (Human) Recombinant Protein (P01)

Catalog # H00023582-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CCNDBP1 full-length ORF (AAH09689.1, 1 a.a. - 360 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASATAPAAAVPTLASPLEQLRHAEELRLLLPRVRVGEAQETTEEFNREMFWRRLEAAVTVS
REATTTLTVFSQLPLPSPQETQKFCEQVHAAIKAFIAYYLLPKDQGILRKLVRGATLDVDGMAQL
MEVLSVTPTQSPENNDLISYNSVWVACQQMPQIPRDNKAALLMLTKNVDFVKDAHEEMEQAVE
ECDPYSGLLNDTEENSDNHNHEDDVLGFPSNQDLWSEDDQELIIPCLALVRASKACLKKIRML
VAENGKKDQVAQLDDVDISDEISPSVDDLALSYPPMCHLTVRINSKLVSVLKKALEITKASHVTP
QPEDSWIPLLINAIDHCMNRIKELTQSELEL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

66.7

Interspecies Antigen Sequence

Mouse (81); Rat (77)

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 — CCNDBP1

Entrez GeneID[23582](#)**GeneBank Accession#**[BC009689.1](#)**Protein Accession#**[AAH09689.1](#)**Gene Name**

CCNDBP1

Gene Alias

DIP1, GCIP

Gene Description

cyclin D-type binding-protein 1

Omim ID[607089](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene was identified by the interaction of its gene product with Grap2, a leukocyte-specific adaptor protein important for immune cell signaling. The protein encoded by this gene was shown to interact with cyclin D. Transfection of this gene in cells was reported to reduce the phosphorylation of Rb gene product by cyclin D-dependent protein kinase, and inhibit E2F1-mediated transcription activity. This protein was also found to interact with helix-loop-helix protein E12 and is thought to be a negative regulator of liver-specific gene expression. Several alternatively spliced variants have been found for this gene. [provided by RefSeq]

Other Designations

D-type cyclin-interacting protein 1|HHM Protein|MAID protein|grap2 cyclin interacting protein