

Recombinant Human CCNDBP1 Protein, His-tagged

Cat. No. CCNDBP1-2994H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CCNDBP1 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 100 mM Arg. Store at -80 Centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	40.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	CCNDBP1 cyclin D-type binding-protein 1 [Homo sapiens]
Official Symbol	CCNDBP1
Synonyms	DIP1; GCIP; HHM
Gene ID	23582
mRNA Refseq	NM_012142
Protein Refseq	NP_036274
MIM	607089
UniProt ID	O95273

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