

Product datasheet for **SC322349**

CCNDBP1 (NM_012142) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCNDBP1 (NM_012142) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCNDBP1
Synonyms:	DIP1; GCIP; HHM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for SC322349
GGAGCGGCTGTCGAGTCCGGCTCCGGCAGTGGCAGCGGAGGCTGTGTTGCGGCCTTC
GGCAAGCGACTGAGATGGCGAGCGCAACTGCACCTGCAGCCGAGTCCCCACCCTGGCTT
CGCCTTTGGAGCAGCTCCGGCACTTGGCGGAGGAGCTGCGGTTGCTCCTGCCTCGAGTGC
GGTCCGGCGAAGCCCAGGAGACCACCGAGGAGTTAATCGAGAGATGTTCTGGAGAAGAC
TCAATGAGGCAGCTGTGACTGTGTCAAGGGAAGCCACGACTCTGACCATAGTCTTCTCTC
AGCTTCCACTGCCGTCTCCACAGGAAACCCAGAAGTTCTGTGAACAAGTCCATGTGCCA
TCAAGGCATTTATTGCAGTGTACTATTTGCTTCCAAAGGATCAGGGGATCACCTGAGAA
AGCTGGTACGGGGCGCCACCCTGGACATCGTGGATGGCATGGCTCAGCTCATGGAAGTAC
TTTCCGCTACTCCAACCTCAGAGCCCTGAGAACAATGACCTTATTTCTACAACAGTGTCT
GGGTTGCGTGCCAGCAGATGCCTCAGATACCAAGAGATAACAAAGCTGCAGCTCTTTTGA
TGCTGACCAAGAATGTGGATTTTGTGAAGGATGCACATGAAGAAATGGAGCAGGCTGTGG
AAGAATGTGACCCCTACTCTGGCCTCTTGAATGATACTGAGGAGAACAACCTCTGACAACC
ACAATCATGAGGATGATGTGTTGGGTTTCCCAGCAATCAGGACTTGTATTGGTCAGAGG
ACGATCAAGAGCTCATAATCCCATGCCTTGGCTGGTGAGAGCATCCAAAGCCTGCCTGA
AGAAAATTCGGATGTTAGTGGCAGAGAATGGGAAGAAGGATCAGGTGGCAGACTGGATG
ACATTGTGGATATTTCTGATGAAATCAGCCCTAGTGTGGATGATTTGGCTCTGAGCATAT
ATCCACCTATGTGTCACCTGACCGTGCGAATCAATTCTGCGAACTTGTATCTGTTTTAA
AGAAGGCACTTGAAATTACAAAAGCAAGTCATGTGACCCCTCAGCCAGAAGATAGTTGGA
TCCCTTTACTTATTAATGCCATTGATCATTGCATGAATAGAATCAAGGAGCTCACTCAGA
GTGAACCTGAATTATGACTTTTTAGGCTCATTTGACTCTCTTCCCTCTCATCGTCATG
GTCAGGCTCTGATACCTGCTTTTAAAAATGGAGCTAGAATGCTTGGTGGATTGAAAGGGAG
TGCCTATCTATATTTAGCAAGAGACACTATTACCAAAGATTGTTGGTTAGGCCAGATTGA
CACCTATTTATAAACCATATGCGTATATTTTTCTGTGCTATATATGAAAAATAATTGCAT
GATTTCTCATTCTGAGTCATTTCTCAGAGATTCTAGGAAAGCTGCCTTATTCTCTTTT
TGCAGTAAAGTATGTTGTTTTTATTGTAAGATGTTGATGGTCTCAATAAAATGCTAACT
TGCCAGTGATTAATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_012142
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_012142.2 , NP_036274.2
RefSeq Size:	1615 bp
RefSeq ORF:	1083 bp
Locus ID:	23582
UniProt ID:	O95273
Cytogenetics:	15q15.2
Gene Summary:	<p>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, Apr 2009]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the supported protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>