

Product datasheet for **RC230395**

BRD7 (NM_001173984) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BRD7 (NM_001173984) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	BRD7
Synonyms:	BP75; CELTIX1; NAG4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC230395 representing NM_001173984
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGCAAGAAGCACAAGAAGCACAAGTCGGACAAACACCTCTACGAGGAGTATGTAGAGAAGCCCTTGA
 AGCTGGTCTCAAAGTAGGAGGGAACGAAGTCACCGAAGTCTCCACGGGAGCTCGGGGACGACTCCAG
 CCTCTTCGAAGACAAAAACGATCATGACAAACACAAGGACAGAAAAGCGGAAAAAGAGAAAAGGAGAG
 AAGCAGATTCCAGGGGAAGAAAAGGGGAGAAAACGGAGAAGAGTTAAGGAGGATAAAAAGAAGCGAGATC
 GAGACCGGTGGAGAATGAGGCAGAAAAGATCTCCAGTGTACGCCCCGTGTGAGATTAGACTTGCTCC
 TGAGAAGCCTCTACAAGCTCTTAGCCAAACAAGAAGAAGTAGAACAGACACCCCTTCAAGAAGCTTTG
 AATCAACTGATGAGACAATTGCAGAGAAAAGATCCAAGTGCTTTCTTTTCATTTCTGTGACTGATTTTA
 TTGCTCCTGGCTACTCCATGATCATTAAACACCCAATGGATTTTAGTACCATGAAAGAAAAGATCAAGAA
 CAATGACTATCAGTCCATAGAAGAACTAAAGGATAACTTCAAATAATGTGTACTAATGCCATGATTTAC
 AATAAACCCAGAGACCATTATTATAAAGCTGCAAAGAAGCTGTTGCACTCAGGAATGAAAATTTTAGCC
 AGGAAAAGAAATTCAGAGCCTGAAGCAGAGCATAGACTTTCATGGCTGACTTGCGAAAACTCGAAAAGCAGAA
 AGATGGAACAGACACCTCACAGAGTGGGGAGGACGGAGGCTGCTGGCAGAGAGAGAGAGGAGACTCTGGA
 GATGCCGAAGCACACGCCTTCAAGAGTCCCAGCAAAGAAAATAAAAAGAAAAGACAAAAGATATGCTTGAAG
 ATAAGTTTAAAAGCAATAATTTAGAGAGAGAGCAGGAGCAGCTTGACCGCATCGTGAAGGAATCTGGAGG
 AAAGCTGACCAGGCGGCTTGTGAACAGTCAGTGCGAATTTGAAAGAAGAAAACAGATGGAACAACGACG
 TTGGGACTTCTCCATCCTGTGGATCCCATTGTAGGAGAGCCAGGCTACTGCCCTGTGAGACTGGGAATGA
 CAACTGGAAGACTTCAGTCTGGAGTGAATACTTTGCAGGGGTTCAAAGAGGATAAAAAGGAACAAAGTCA
 TCCAGTGTATATTTGAATTATGGGCCCTACAGTTCTTATGCACCGCATTATGACTCCACATTTGCAAAT
 ATCAGCAAGGATGATTCTGATTTAATCTATTCAACCTATGGGGAAGACTCTGATCTTCCAAGTATTTCA
 GCATCCATGAGTTTTTGGCCACGTGCCAAGATTATCCGTATGTCATGGCAGATAGTTTACTGGATGTTTT
 AACAAAAGGAGGGCATTCCAGGACCCTACAAGAGATGGAGATGTCATTGCCTGAAGATGAAGGCCATACT
 AGGACACTTGACACAGCAAAAGAAATGGAGCAGATTACAGAAGTAGAGCCACCAGGGCGTTTGGACTCCA
 GTACTCAAGACAGGCTCATAGCGCTGAAAGCAGTAACAAATTTTGGCGTCCAGTTGAAGTTTTTGACTC
 TGAAGAAGCTGAAATATCCAGAAGAACTTGATGAGACCACCAGATTGCTCAGGGAAGTCCAGGAAGCC
 CAGAATGAACGTTTGGACACCAGACCCCTCCGAACATGATCTGTCTCTTGGGTCCCTCATACAGAGAAA
 TGCATCTTGCTGAACAAGTGACCAATAATCTTAAAGAAGTGCACAGCAAGTAAGTCCAGGTGATATCGT
 AAGCACGTATGGAGTTCGAAAAGCAATGGGGATTTCCATTCTTCCCCCGTCATGAAAAACAACTTTGTG
 GATTTGACAGAAGACTGAAGAACCTAAAAGACGGATGTTGCTGAGTGTGGACCTGGTGGAAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Reconstitution Method:

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_001173984.3](#)

RefSeq ORF: 1959 bp

Locus ID: 29117

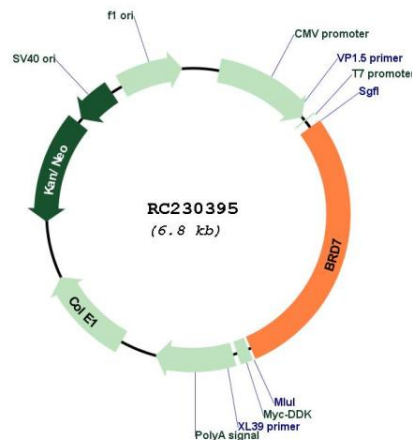
UniProt ID: [Q9NPI1](#)

Cytogenetics: 16q12.1

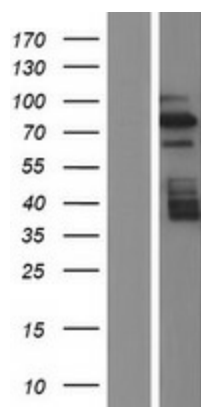
MW: 74.7 kDa

Gene Summary: This gene encodes a protein which is a member of the bromodomain-containing protein family. The product of this gene has been identified as a component of one form of the SWI/SNF chromatin remodeling complex, and as a protein which interacts with p53 and is required for p53-dependent oncogene-induced senescence which prevents tumor growth. Pseudogenes have been described on chromosomes 2, 3, 6, 13 and 14. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]

Product images:



Circular map for RC230395



Western blot validation of overexpression lysate (Cat# [LY433395]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC230395 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).