

Recombinant Human BRD7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BRD7-2441H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BRD7 MS Standard C13 and N15-labeled recombinant protein (NP_037395) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	74.1 kDa
AA Sequence	MGKKHKKHKSDKHL YEEYVEKPLKLVLKVGGNEVTELSTGSSGHDSSLFEDKNDHD KHKDRKRKRKKGKQIPGEEKGRKRRRVKEDKKKRDRDRVENEAEKDLQCHAPV RLDLPPEKPLTSSLAKQEEVEQTPLQEALNQLMRQLQRKDPSAFFSFPVTDFIAPGY SMIIKHPMDFSTMKEKIKNNDYQSIEELKDNFKLMCTNAMIYNKPETIYYKAAKLLHS GMKILSQERISLQSIDFMADLQKTRKQKDGTDTSQSGEDGGCWQREREDSGDA EAHAFKSPSKENKKKDKDMLEDKFKSNNLEREQEQLDRIVKESGGKLTRRLVNSQC EFERRKPDGTTTLGLLHPVDPIVGEPGYCPVRLGMTTGRLQSGVNTLQGFKEDKRN

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KVTPVLYLNYGPYSSYAPHYDSTFANISKDDSDLIYSTYGEDSDLPSDFSIHEFLATC
 QDYPYVMADSLLDVLTGKGHSRTLQEMEMSLPEDEGHTRTLDTAKEMEITEVEPPG
 RLDSSTQDRILALKAVTNFGVPVEVFDSEEAEIFQKKLDETTRLLRELQEAQNERLST
 RPPPNMICLLGPSYREMHAEQVTNNLKELAQQVTPGDIVSTYGVRKAMGISIPSPV
 MENNFVDLTEDTEEPKKTDAECGPGGSTRTRPLEQKLISEEDLAANDILDYKDDDD
 KV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name BRD7 bromodomain containing 7 [Homo sapiens (human)]

Official Symbol BRD7

Synonyms BRD7; bromodomain containing 7; bromodomain-containing protein 7; BP75; CELTIX1; protein CELTIX-1; 75 kDa bromodomain protein; NAG4;

Gene ID 29117

mRNA Refseq NM_013263

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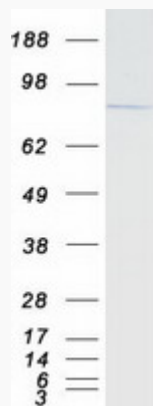
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Protein Refseq NP_037395

MIM 618489

UniProt ID Q9NPI1

SDS-PAGE



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