

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	MGKKHKKHKS DKHLYEEYVEKPLKLVLVKGGNEVTELSTGSSGHDSSLFEDKNDHD KHKDRKRKRKKG EKQIPGEEKGRKRRRVKEDKKKRDRDRVENEAEKDLQCHAPV RLDLPPEKPLTSSLAKQEEVEQTPLQEALNQLMRQLQRKDPSAFFSFPVTDFIAPGY SMIIKHMPDMFSTMKEKIKNNDYQSIEELKDNFKLMCTNAMIYNKPETIYYKAAKLLHS GMKILSQERIQSLKQSIDFMADLQKTRKQKDGTDTSQSGEDGGCWQREREDSGDA EAHAFKSPSKENKKKDKDMLEDKFKSNLLEREQQLDRIVKESGGKLTRRLVNSQC EFERRKPDGTTTTLGLLHPVDPIVGEPGYCPVRLGMTTGRLQSGVNTLQGFKEDKRN

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KVTPVLYLNYGPYSSYAPHYDSTFANISKDDSDLIYSTYGEDSDLPSDFSIHEFLATC
 QDYPYVMADSLLDVLTGGHRSRTLQEMEMSLPEDEGHTRTLDTAKEMEITEVEPPG
 RLDSSTQDRILKAVTNFGVPVEVFDSEEAEIFQKKLDETTRLLRELQEAQNERLST
 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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Protein Refseq NP_037395

MIM 618489

UniProt ID Q9NPI1

SDS-PAGE



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