

Recombinant Full Length Human BRD7 Protein, GST-tagged

Cat. No. BRD7-576HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human BRD7 full-length ORF (1 a.a. - 651 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	651 amino acids
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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	97.13 kDa
AA Sequence	MGKKHKHKHS DKHLYEEYVE KPLKLVLKVG GNEVTELSTG SSGHDSSLFE DKNDHDKHKD RKRKKRKKGE KQIPGEEKGR KRRRVKEDKK KRDRDRVENE AEKDLQCHAP VRLDLPPEKP LTSSLAKQEE VEQTPLQEAL NQLMRQLQRK DPSAFFSFPV TDFIAPGYSM IIKHPMDFST MKEKIKNNDY QSIEELKDNF KLMCTNAMIY NKPETIYYKA AKKLLHSGMK ILSQERIQSL KQSIDFMADL

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QKTRKQKDGT DTSQSGEDGG CWQREREDSG DAEAHAFKSP SKENKKKDKD
 MLEDKFKSNN LEREQEQLDR IVKESGGKLT RRLVNSQCEF ERRKPDGTTT
 LGLLHPVDPI VGEPGYCPVR LGMTTGRLQS GVNTLQGFKE DKRNKVTPVL
 YLNYGPYSSY APHYDSTFAN ISKDDSDLIY STYGEDSDLP SDFSIEFLA
 TCQDYPYVMA DSLLDVLTKG GHSRTLQEME MSLPEDEGHT RTLDTAKEME
 ITEVEPPGRL DSSTQDRLIA LKAVTNFGVP VEVFDSEAE IFQKKLDETT
 RLLRELQEAQ NERLSTRPPP NMICLLGPSY REMHLAEQVT NNLKELAQQV
 TPGDIVSTYG VRKAMGISIP SPVMENNFDV LTEDTEEPKK TDVAECGPGG S

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION
Gene Name

BRD7 bromodomain containing 7 [Homo sapiens]

Official Symbol

BRD7

Synonyms

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

Gene ID

29117

mRNA Refseq

NM_001173984

Protein Refseq

NP_001167455

MIM

618489

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UniProt ID

Q9NPI1

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