

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	MGKKHKKHKS DKHLYEEYVE KPLKLVLVKG 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 SDFSIHEFLA
 TCQDYPYVMA DSLLDVLTKG GHSRTLQEME MSLPEDEGHT RTLDTAKEME
 ITEVEPPGRL DSSTQDRLIA LKAVTNFGVP VEVFDSEEAE IFQKKLDETT
 RLLRELQEAQ NERLSTRPPP NMICLLGPSY REMHLAEQVT NNLKELAQQV
 TPGDIVSTYG VRKAMGISIP SPVMENNFVD 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

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