

Recombinant Human BRD7 293 Cell Lysate

Cat. No. BRD7-8411HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for bromodomain containing 7 (BRD7) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

BRD7 bromodomain containing 7 [Homo sapiens]

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_001173984

Protein Refseq

NP_001167455

UniProt ID

Q9NPI1

Chromosome Location

16q12.1

Pathway

Wnt Signaling Pathway NetPath, organism-specific biosystem;

Function

histone acetyl-lysine binding; histone binding; p53 binding; protein binding; transcription coactivator activity; transcription corepressor activity; transcription corepressor activity; transcription factor binding; transcription regulatory region DNA binding;

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