

Resource Summary Report

Generated by [RRID](#) on Aug 18, 2026

BRD4

RRID:Addgene_38943

Type: Plasmid

Proper Citation

RRID:Addgene_38943

Plasmid Information

URL: <http://www.addgene.org/38943>

Proper Citation: RRID:Addgene_38943

Insert Name: BRD4

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:SGC; Vector Backbone:pNIC28-Bsa4;
Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: <http://www.thesgc.org/structures/2OOU/>

Plasmid Name: BRD4

Record Creation Time: 20220422T222203+0000

Record Last Update: 20260815T081423+0000

Ratings and Alerts

No rating or validation information has been found for BRD4.

No alerts have been found for BRD4.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Peterson KE, et al. (2025) BPTF Target Engagement by Acetylated H2A.Z Photoaffinity Probes. *Biochemistry*, 64(18), 3872.

Burger N, et al. (2025) The human zinc-binding cysteine proteome. *Cell*, 188(3), 832.

Gourisankar S, et al. (2023) Rewiring cancer drivers to activate apoptosis. *Nature*, 620(7973), 417.

Kalra P, et al. (2022) Alternative Mechanisms for DNA Engagement by BET Bromodomain-Containing Proteins. *Biochemistry*, 61(13), 1260.

Shishodia S, et al. (2022) Selective and Cell-Active PBRM1 Bromodomain Inhibitors Discovered through NMR Fragment Screening. *Journal of medicinal chemistry*, 65(20), 13714.

Kalra P, et al. (2020) Quantifying the Selectivity of Protein-Protein and Small Molecule Interactions with Fluorinated Tandem Bromodomain Reader Proteins. *ACS chemical biology*, 15(11), 3038.

Olson NM, et al. (2020) NMR Analyses of Acetylated H2A.Z Isoforms Identify Differential Binding Interactions with the Bromodomain of the NURF Nucleosome Remodeling Complex. *Biochemistry*, 59(20), 1871.

Egner JM, et al. (2018) Development and Validation of 2D Difference Intensity Analysis for Chemical Library Screening by Protein-Detected NMR Spectroscopy. *Chembiochem : a European journal of chemical biology*, 19(5), 448.

H??gle M, et al. (2016) Preparation data of the bromodomains BRD3(1), BRD3(2), BRD4(1), and BRPF1B and crystallization of BRD4(1)-inhibitor complexes. *Data in brief*, 7, 1370.

Miller TC, et al. (2016) A bromodomain-DNA interaction facilitates acetylation-dependent bivalent nucleosome recognition by the BET protein BRDT. *Nature communications*, 7, 13855.