

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

BRPF1B-c001

RRID:Addgene_53620

Type: Plasmid

Proper Citation

RRID:Addgene_53620

Plasmid Information

URL: <http://www.addgene.org/53620>

Proper Citation: RRID:Addgene_53620

Insert Name: BRPF1B

Organism: Other

Bacterial Resistance: Kanamycin

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

Comments: T7/lac regulated, N-terminal His-tag, TEV, LIC cloning using BsaI cleavage/T4 polymerase, SacB stuffer fragment, pET28 backbone.
<http://www.thesgc.org/structures/4LC2/> Use BL21(DE3)-R3-pRARE2 strain for expression.

Plasmid Name: BRPF1B-c001

Relevant Mutation: Bacterial expression for structure determination; may not be full ORF, see comments

Record Creation Time: 20220422T222314+0000

Record Last Update: 20260912T092841+0000

Ratings and Alerts

No rating or validation information has been found for BRPF1B-c001.

No alerts have been found for BRPF1B-c001.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ordonez-Rubiano SC, et al. (2023) Rational Design and Development of Selective BRD7 Bromodomain Inhibitors and Their Activity in Prostate Cancer. Journal of medicinal chemistry, 66(16), 11250.

Zhu J, et al. (2016) Twenty Crystal Structures of Bromodomain and PHD Finger Containing Protein 1 (BRPF1)/Ligand Complexes Reveal Conserved Binding Motifs and Rare Interactions. Journal of medicinal chemistry, 59(11), 5555.

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.