

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pBMM42

RRID:Addgene_13331

Type: Plasmid

Proper Citation

RRID:Addgene_13331

Plasmid Information

URL: <http://www.addgene.org/13331>

Proper Citation: RRID:Addgene_13331

Insert Name: XRCC4

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:10202163](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5400; Vector Backbone:pET28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: The human XRCC4 open reading frame was cloned and polyhistidine tagged at the 3' end by Pfu PCR from a human thymus cDNA pool (Clontech), and subcloned into pET28a.

Plasmid Name: pBMM42

Record Creation Time: 20220422T221737+0000

Record Last Update: 20260815T080534+0000

Ratings and Alerts

No rating or validation information has been found for pBMM42.

No alerts have been found for pBMM42.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Graham TGW, et al. (2018) A single XLF dimer bridges DNA ends during nonhomologous end joining. Nature structural & molecular biology, 25(9), 877.

Zhu S, et al. (2017) Protein phosphatase 1 and phosphatase 1 nuclear targeting subunit-dependent regulation of DNA-dependent protein kinase and non-homologous end joining. Nucleic acids research, 45(18), 10583.