

Resource Summary Report

Generated by [NIF](#) on Sep 21, 2026

pDONR223-PRKAR2B

RRID:Addgene_23667

Type: Plasmid

Proper Citation

RRID:Addgene_23667

Plasmid Information

URL: <http://www.addgene.org/23667>

Proper Citation: RRID:Addgene_23667

Insert Name: PRKAR2B

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:21107320](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5005; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: Please note that Addgene sequencing observed a small amount of recombination product for this plasmid. Screen 3-5 small colonies to ensure the full plasmid is selected. The ORF has no Stop codon. This design enables easy recombination into a destination vector to add an epitope tag of choice and Stop codon to the ORF. Do NOT use this plasmid directly for transfections. A set of 4 custom lentiviral vectors is available (pLX301 (<http://www.addgene.org/25895/>) , pLX302 (<http://www.addgene.org/25896/>) , pLX303 (<http://www.addgene.org/25897/>) , pLX304 (<http://www.addgene.org/25890/>)) to be used to express these ORFs in mammalian cells. These plasmids are not included in the kit and must be ordered separately.

Plasmid Name: pDONR223-PRKAR2B

Record Creation Time: 20220422T222105+0000

Record Last Update: 20260919T091558+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223-PRKAR2B.

No alerts have been found for pDONR223-PRKAR2B.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.