

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

pDONR223_AKT1_p.E17K

RRID:Addgene_81459

Type: Plasmid

Proper Citation

RRID:Addgene_81459

Plasmid Information

URL: <http://www.addgene.org/81459>

Proper Citation: RRID:Addgene_81459

Insert Name: AKT1

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:27147599](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2790; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: Open state: NO stop codon immediately follows insert

Plasmid Name: pDONR223_AKT1_p.E17K

Relevant Mutation: E17K

Record Creation Time: 20220422T222530+0000

Record Last Update: 20260902T050305+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_AKT1_p.E17K.

No alerts have been found for pDONR223_AKT1_p.E17K.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Matreyek KA, et al. (2020) An improved platform for functional assessment of large protein libraries in mammalian cells. Nucleic acids research, 48(1), e1.