

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

pcDNA4c/His-Xpress-HA-hBIG1(E793K)

RRID:Addgene_79433

Type: Plasmid

Proper Citation

RRID:Addgene_79433

Plasmid Information

URL: <http://www.addgene.org/79433>

Proper Citation: RRID:Addgene_79433

Insert Name: BIG1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15385626](#)

Vector Backbone Description: Backbone Marker:ThermoFisher Scientific; Vector Backbone:pcDNA4c; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: It is tricky to amplify the plasmid. After transformation of the plasmid into E. coli, not only the transformants grow very slowly (usually, it takes more than 20 h for the transformants to form visible colonies on ampicillin-containing plates and colony size is smaller than usual one), but also their viability is drastically decreased during storage at 4C. Therefore, we routinely use fresh transformants for plasmid preparation. The plasmid yield decreases with the progress of the day after transformation. It is not recommended to make a pre-culture (~ 2ml) from a single colony for large scale culture. We strongly recommend that after transformation and recovery culture (for 1hr at 37C), bring all transformants to large scale culture (~ 200 ml) directly containing ampicillin.

Plasmid Name: pcDNA4c/His-Xpress-HA-hBIG1(E793K)

Relevant Mutation: changed Glutamic acid 793 to Lysine

Record Creation Time: 20220422T222520+0000

Record Last Update: 20260905T080149+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA4c/His-Xpress-HA-hBIG1(E793K).

No alerts have been found for pcDNA4c/His-Xpress-HA-hBIG1(E793K).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.