Resource Summary Report

Generated by RRID on Sep 2, 2026

pFastBac1-pGC-A

RRID:Addgene_186626
Type: Plasmid

Proper Citation

RRID:Addgene_186626

Plasmid Information

URL: http://www.addgene.org/186626

Proper Citation: RRID:Addgene_186626

Insert Name: NPR1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:35821229

Vector Backbone Description: Backbone Marker:Invitrogen; purchased via GenScript; Backbone Size:4682; Vector Backbone:pFastBac1; Vector Types:Insect Expression; Bacterial Resistance:Ampicillin

Comments: N-terminal protein sequence is MKTIIALSYIFCLVFA (hemagglutinin [HA] signal peptide) + HHHHHHHHHH + GAP (from AscI site) + ENLYFQ*G (TEV protease cleavage site; cleavage at * leaves an extra G residue at the N-terminus of pGC-A). Backbone vector is pFastBac1. Construct design by Shangji Zhang. Generate the bacmid in Escherichia coli strain DH10Bac cells according to the instructions from Invitrogen.

Plasmid Name: pFastBac1-pGC-A

Relevant Mutation: deleted amino acids 1-32

Record Creation Time: 20220715T080233+0000

Record Last Update: 20260902T043232+0000

Ratings and Alerts

No rating or validation information has been found for pFastBac1-pGC-A.

No alerts have been found for pFastBac1-pGC-A.

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 RRID .

Knany Y, et al. (2025) The Effects of the Natriuretic Peptide System on Alveolar Epithelium in Heart Failure. International journal of molecular sciences, 26(7).