

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

Venus-Bik-pEGFP-C1

RRID:Addgene_166737

Type: Plasmid

Proper Citation

RRID:Addgene_166737

Plasmid Information

URL: <http://www.addgene.org/166737>

Proper Citation: RRID:Addgene_166737

Insert Name: Bik

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:35442739](#)

Vector Backbone Description: Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Transfection of this plasmid will express "VBik" (Venus fused to the N-terminus of the BH3-only protein, Bik) in live cells. There is an 8 amino acid flexible linker between Venus and Bik proteins. When compared with EYFP, Venus fluorophore contains the following mutations: F46L, F64L, M153T, V163A and S175G. This Venus protein contains an F224R mutation to make it monomeric.

Plasmid Name: Venus-Bik-pEGFP-C1

Record Creation Time: 20220422T221938+0000

Record Last Update: 20260912T092225+0000

Ratings and Alerts

No rating or validation information has been found for Venus-Bik-pEGFP-C1.

No alerts have been found for Venus-Bik-pEGFP-C1.

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 [NIF](#) .

Osterlund EJ, et al. (2022) Efficacy and specificity of inhibitors of BCL-2 family protein interactions assessed by affinity measurements in live cells. Science advances, 8(16), eabm7375.