

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

His6-TEV-Venus-pBluescript

RRID:Addgene_166756

Type: Plasmid

Proper Citation

RRID:Addgene_166756

Plasmid Information

URL: <http://www.addgene.org/166756>

Proper Citation: RRID:Addgene_166756

Insert Name: Venus

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:35442739](#)

Vector Backbone Description: Vector Backbone:pBluescript; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid can be used to express monomeric Venus fluorophore in bacteria. We used E.coli BL21-AI (Arabinose induction) for protein production, induced 5h at 30oC. Purify protein via Nickel column chromatography. 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: His6-TEV-Venus-pBluescript

Record Creation Time: 20220422T221938+0000

Record Last Update: 20260725T074211+0000

Ratings and Alerts

No rating or validation information has been found for His6-TEV-Venus-pBluescript.

No alerts have been found for His6-TEV-Venus-pBluescript.

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.