

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

[pRK603](#)

RRID:Addgene_8831

Type: Plasmid

Proper Citation

RRID:Addgene_8831

Plasmid Information

URL: <http://www.addgene.org/8831>

Proper Citation: RRID:Addgene_8831

Insert Name: TEV protease, S219D mutant

Organism: tobacco etch virus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:10873547](#)

Vector Backbone Description: Backbone Marker:Herman Bujard Lab; Backbone Size:6700; Vector Backbone:pZA31; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: This TEV protease expression vector is intended to be used for controlled intracellular processing of fusion proteins (TEV protease substrates) in E. coli. Expression of the TEV protease gene on pRK603 will be constitutive unless the host strain produces Tet repressor. Regulated expression can be achieved in DH5alphaPro or BL21Pro cells (Clontech).

Plasmid Name: pRK603

Relevant Mutation: S219D mutant

Record Creation Time: 20220422T222604+0000

Record Last Update: 20260815T082150+0000

Ratings and Alerts

No rating or validation information has been found for pRK603.

No alerts have been found for pRK603.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Morgan M, et al. (2019) Semisynthesis of ubiquitinated histone H2B with a native or nonhydrolyzable linkage. Methods in enzymology, 618, 1.

Woodall NB, et al. (2017) Complete topology inversion can be part of normal membrane protein biogenesis. Protein science : a publication of the Protein Society, 26(4), 824.