

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

pRK5 TGF beta type I receptor Flag

RRID:Addgene_14831

Type: Plasmid

Proper Citation

RRID:Addgene_14831

Plasmid Information

URL: <http://www.addgene.org/14831>

Proper Citation: RRID:Addgene_14831

Insert Name: TGF beta type I receptor

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8662796](#)

Vector Backbone Description: Backbone Marker:Genentech; Backbone Size:4700; Vector Backbone:pRK5 modified with flag; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: See Author's map for more information. A 9bp linker was added directly upstream of the GS domain. The linker encodes the amino acids GSM. The additional sequence does not affect plasmid function.

Plasmid Name: pRK5 TGF beta type I receptor Flag

Record Creation Time: 20220422T221826+0000

Record Last Update: 20260815T080708+0000

Ratings and Alerts

No rating or validation information has been found for pRK5 TGF beta type I receptor Flag.

No alerts have been found for pRK5 TGF beta type I receptor Flag.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Kalyoncu M, et al. (2025) Escape from TGF- β -induced senescence promotes aggressive hallmarks in epithelial hepatocellular carcinoma cells. *Molecular oncology*, 19(9), 2594.

Murillo-Garzón V, et al. (2018) Frizzled-8 integrates Wnt-11 and transforming growth factor- β signaling in prostate cancer. *Nature communications*, 9(1), 1747.

Rys JP, et al. (2015) Discrete spatial organization of TGF β receptors couples receptor multimerization and signaling to cellular tension. *eLife*, 4, e09300.

Yamanaka O, et al. (2013) Lumican binds ALK5 to promote epithelium wound healing. *PloS one*, 8(12), e82730.