

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pRK5 TGF beta type I receptor (T202D) Flag

RRID:Addgene_14833

Type: Plasmid

Proper Citation

RRID:Addgene_14833

Plasmid Information

URL: <http://www.addgene.org/14833>

Proper Citation: RRID:Addgene_14833

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 (T202D) Flag

Relevant Mutation: Threonine 202 mutated to aspartate. Constitutively active mutant.

Record Creation Time: 20220422T221826+0000

Record Last Update: 20260815T080709+0000

Ratings and Alerts

No rating or validation information has been found for pRK5 TGF beta type I receptor (T202D) Flag.

No alerts have been found for pRK5 TGF beta type I receptor (T202D) Flag.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Melendez J, et al. (2021) TGF β signalling acts as a molecular brake of myoblast fusion. Nature communications, 12(1), 749.

Chen CL, et al. (2016) A Small Dibromotyrosine Derivative Purified From Pseudoceratina Sp. Suppresses TGF- β Responsiveness by Inhibiting TGF- β Type I Receptor Serine/Threonine Kinase Activity. Journal of cellular biochemistry, 117(12), 2800.

Ramirez A, et al. (2012) TGF β 1 Controls PPAR γ Expression, Transcriptional Potential, and Activity, in Part, through Smad3 Signaling in Murine Lung Fibroblasts. PPAR research, 2012, 375876.

Reddy RC, et al. (2012) PPARs: Regulators and Translational Targets in the Lung. PPAR research, 2012, 342924.

Tran CM, et al. (2011) Transforming growth factor β controls CCN3 expression in nucleus pulposus cells of the intervertebral disc. Arthritis and rheumatism, 63(10), 3022.

Klunker S, et al. (2009) Transcription factors RUNX1 and RUNX3 in the induction and suppressive function of Foxp3⁺ inducible regulatory T cells. The Journal of experimental medicine, 206(12), 2701.