

# Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

## pRK5 alpha6

RRID:Addgene\_16036

Type: Plasmid

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### Proper Citation

RRID:Addgene\_16036

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### Plasmid Information

**URL:** <http://www.addgene.org/16036>

**Proper Citation:** RRID:Addgene\_16036

**Insert Name:** alpha6

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:11044453](#)

**Vector Backbone Description:** Backbone Size:4700; Vector Backbone:pRK5; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** Addgene's sequencing results indicate that this plasmid contains alpha-6 integrin isoform b.

**Plasmid Name:** pRK5 alpha6

**Record Creation Time:** 20220422T221907+0000

**Record Last Update:** 20260808T081054+0000

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### Ratings and Alerts

No rating or validation information has been found for pRK5 alpha6.

No alerts have been found for pRK5 alpha6.

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### Data and Source Information

**Source:** [Addgene](#)

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Isogai T, et al. (2025) Extracellular vesicles adhere to cells primarily by interactions of integrins and GM1 with laminin. The Journal of cell biology, 224(6).

Kim SG, et al. (2018) A novel anti-cancer agent, FPDHP, induces anoikis in various human cancer cells through activation of calpain, and downregulation of anoikis-related molecules. Journal of cellular biochemistry, 119(7), 5620.

Wang Y, et al. (2013) Strain-induced differentiation of fetal type II epithelial cells is mediated via the integrin  $\alpha 6 \beta 1$ -ADAM17/tumor necrosis factor- $\alpha$ -converting enzyme (TACE) signaling pathway. The Journal of biological chemistry, 288(35), 25646.