

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

pRK5 alpha6

RRID:Addgene_16036

Type: Plasmid

Proper Citation

RRID:Addgene_16036

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: 20260801T080640+0000

Ratings and Alerts

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

No alerts have been found for pRK5 alpha6.

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- α -converting enzyme (TACE) signaling pathway. The Journal of biological chemistry, 288(35), 25646.