

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pEF1-alpha-V

RRID:Addgene_27290

Type: Plasmid

Proper Citation

RRID:Addgene_27290

Plasmid Information

URL: <http://www.addgene.org/27290>

Proper Citation: RRID:Addgene_27290

Insert Name: integrin alpha V

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12230977](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:6200; Vector Backbone:pEF1/V5-HisA; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pEF1-alpha-V

Relevant Mutation: Isoform 2

Record Creation Time: 20220422T222122+0000

Record Last Update: 20260725T074517+0000

Ratings and Alerts

No rating or validation information has been found for pEF1-alpha-V.

No alerts have been found for pEF1-alpha-V.

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 [NIF](#) .

Wang Z, et al. (2021) Measurement of Integrin Activation and Conformational Changes on the Cell Surface by Soluble Ligand and Antibody Binding Assays. *Methods in molecular biology* (Clifton, N.J.), 2217, 3.

Safaiyan S, et al. (2021) White matter aging drives microglial diversity. *Neuron*, 109(7), 1100.

Oguri Y, et al. (2020) CD81 Controls Beige Fat Progenitor Cell Growth and Energy Balance via FAK Signaling. *Cell*, 182(3), 563.

Lu CT, et al. (2018) Ganoderma immunomodulatory protein and chidamide down-regulate integrin-related signaling pathway result in migration inhibition and apoptosis induction. *Phytomedicine : international journal of phytotherapy and phytopharmacology*, 51, 39.

Fiore VF, et al. (2015) Conformational coupling of integrin and Thy-1 regulates Fyn priming and fibroblast mechanotransduction. *The Journal of cell biology*, 211(1), 173.

Evellin S, et al. (2013) FOSL1 controls the assembly of endothelial cells into capillary tubes by direct repression of α_v and α_3 integrin transcription. *Molecular and cellular biology*, 33(6), 1198.