Resource Summary Report

Generated by NIF on Jul 31, 2026

mEmerald-Integrin-Beta3-N-18

RRID:Addgene_54130
Type: Plasmid

Proper Citation

RRID:Addgene_54130

Plasmid Information

URL: http://www.addgene.org/54130

Proper Citation: RRID:Addgene_54130

Insert Name: Integrin-Beta3

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 487; Emission = 509. Localization data: Integrin/Focal Adhesions

Plasmid Name: mEmerald-Integrin-Beta3-N-18

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260725T074836+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Integrin-Beta3-N-18.

No alerts have been found for mEmerald-Integrin-Beta3-N-18.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Caillier A, et al. (2024) T cells use focal adhesions to pull themselves through confined environments. The Journal of cell biology, 223(10).

Baade T, et al. (2024) A flexible loop in the paxillin LIM3 domain mediates its direct binding to integrin ? subunits. PLoS biology, 22(9), e3002757.

Gaylo-Moynihan A, et al. (2019) Programming of Distinct Chemokine-Dependent and -Independent Search Strategies for Th1 and Th2 Cells Optimizes Function at Inflamed Sites. Immunity, 51(2), 298.

Bui T, et al. (2019) Functional Redundancy between ?1 and ?3 Integrin in Activating the IR/Akt/mTORC1 Signaling Axis to Promote ErbB2-Driven Breast Cancer. Cell reports, 29(3), 589.

Galbraith CG, et al. (2018) Coupling integrin dynamics to cellular adhesion behaviors. Biology open, 7(8).

Parker SJ, et al. (2018) Proteomics reveals Rictor as a noncanonical TGF-? signaling target during aneurysm progression in Marfan mice. American journal of physiology. Heart and circulatory physiology, 315(5), H1112.

Ron A, et al. (2017) Cell shape information is transduced through tension-independent mechanisms. Nature communications, 8(1), 2145.