

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

[pRK5 c-Fyn](#)

RRID:Addgene_16032

Type: Plasmid

Proper Citation

RRID:Addgene_16032

Plasmid Information

URL: <http://www.addgene.org/16032>

Proper Citation: RRID:Addgene_16032

Insert Name: c-Fyn

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11684709](#)

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

Plasmid Name: pRK5 c-Fyn

Record Creation Time: 20220422T221907+0000

Record Last Update: 20260801T080640+0000

Ratings and Alerts

No rating or validation information has been found for pRK5 c-Fyn.

No alerts have been found for pRK5 c-Fyn.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Wu F, et al. (2023) Acetylation-dependent coupling between G6PD activity and apoptotic signaling. *Nature communications*, 14(1), 6208.

Mukherjee A, et al. (2020) A Fyn biosensor reveals pulsatile, spatially localized kinase activity and signaling crosstalk in live mammalian cells. *eLife*, 9.

Han T, et al. (2019) Interplay between c-Src and the APC/C co-activator Cdh1 regulates mammary tumorigenesis. *Nature communications*, 10(1), 3716.

Samovski D, et al. (2018) Regulation of Insulin Receptor Pathway and Glucose Metabolism by CD36 Signaling. *Diabetes*, 67(7), 1272.

Wang Y, et al. (2017) The tyrosine phosphatase PTPN13/FAP-1 links calpain-2, TBI and tau tyrosine phosphorylation. *Scientific reports*, 7(1), 11771.

Du C, et al. (2016) KLF5 promotes cell migration by up-regulating FYN in bladder cancer cells. *FEBS letters*, 590(3), 408.

Dustrude ET, et al. (2016) Hierarchical CRMP2 posttranslational modifications control Nav1.7 function. *Proceedings of the National Academy of Sciences of the United States of America*, 113(52), E8443.

Sauer MG, et al. (2016) SHP-1 Acts as a Key Regulator of Alloresponses by Modulating LFA-1-Mediated Adhesion in Primary Murine T Cells. *Molecular and cellular biology*, 36(24), 3113.

Gingras J, et al. (2016) γ -Dystrobrevin-1 recruits Grb2 and γ -catulin to organize neurotransmitter receptors at the neuromuscular junction. *Journal of cell science*, 129(5), 898.

Brigidi GS, et al. (2015) Activity-regulated trafficking of the palmitoyl-acyl transferase DHHC5. *Nature communications*, 6, 8200.

Samovski D, et al. (2015) Regulation of AMPK activation by CD36 links fatty acid uptake to β -oxidation. *Diabetes*, 64(2), 353.

Palomero T, et al. (2014) Recurrent mutations in epigenetic regulators, RHOA and FYN kinase in peripheral T cell lymphomas. *Nature genetics*, 46(2), 166.

Aten TM, et al. (2013) Tyrosine phosphorylation of the orphan receptor ESDN/DCBLD2 serves as a scaffold for the signaling adaptor CrkL. *FEBS letters*, 587(15), 2313.

Kim AY, et al. (2012) Enhanced antioxidant effect of prenylated polyphenols as Fyn inhibitor. *Free radical biology & medicine*, 53(5), 1198.

Buel GR, et al. (2010) Fyn promotes phosphorylation of collapsin response mediator protein 1 at tyrosine 504, a novel, isoform-specific regulatory site. *Journal of cellular biochemistry*, 111(1), 20.