

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

BFP-Sec61 beta

RRID:Addgene_49154

Type: Plasmid

Proper Citation

RRID:Addgene_49154

Plasmid Information

URL: <http://www.addgene.org/49154>

Proper Citation: RRID:Addgene_49154

Insert Name: Sec61 beta

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20955502](#)

Vector Backbone Description: Backbone Marker:Evrogen; Backbone Size:4707; Vector Backbone:pTagBFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: BFP-Sec61 beta

Record Creation Time: 20220422T222253+0000

Record Last Update: 20260815T081556+0000

Ratings and Alerts

No rating or validation information has been found for BFP-Sec61 beta.

No alerts have been found for BFP-Sec61 beta.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wang J, et al. (2025) Regulation of lipoprotein processing by GPNMB in foamy macrophages: potential therapeutic targets for atherosclerosis. *Nature communications*, 16(1), 10030.

Kuspiel S, et al. (2025) The secreted protein PCYOX1L controls the surface expression of acid-sensing ion channel 1a. *Science advances*, 11(30), eadw4064.

Morcillo P, et al. (2024) Aberrant ER-mitochondria communication is a common pathomechanism in mitochondrial disease. *Cell death & disease*, 15(6), 405.

Halfmann CT, et al. (2023) Mechanisms by which barrier-to-autointegration factor regulates dynamics of nucleocytoplasmic leakage and membrane repair following nuclear envelope rupture. *bioRxiv : the preprint server for biology*.

LaJoie D, et al. (2022) A role for Nup153 in nuclear assembly reveals differential requirements for targeting of nuclear envelope constituents. *Molecular biology of the cell*, 33(13), ar117.

Nourbakhsh K, et al. (2021) TAOK2 is an ER-localized kinase that catalyzes the dynamic tethering of ER to microtubules. *Developmental cell*, 56(24), 3321.

Montesinos J, et al. (2020) The Alzheimer's disease-associated C99 fragment of APP regulates cellular cholesterol trafficking. *The EMBO journal*, 39(20), e103791.

Mor??n B, et al. (2020) Surface-associated lipid droplets: an intermediate site for lipid transport in human adipocytes? *Adipocyte*, 9(1), 636.

Rivas J, et al. (2020) KCTD5, a novel TRPM4-regulatory protein required for cell migration as a new predictor for breast cancer prognosis. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 34(6), 7847.

Vierra NC, et al. (2019) Kv2.1 mediates spatial and functional coupling of L-type calcium channels and ryanodine receptors in mammalian neurons. *eLife*, 8.

Yeshaw WM, et al. (2019) Human VPS13A is associated with multiple organelles and influences mitochondrial morphology and lipid droplet motility. *eLife*, 8.

Bishop HI, et al. (2018) Kv2 Ion Channels Determine the Expression and Localization of the Associated AMIGO-1 Cell Adhesion Molecule in Adult Brain Neurons. *Frontiers in molecular neuroscience*, 11, 1.

Puri C, et al. (2018) The RAB11A-Positive Compartment Is a Primary Platform for Autophagosome Assembly Mediated by WIPI2 Recognition of PI3P-RAB11A. *Developmental cell*, 45(1), 114.

Ma W, et al. (2018) A Membraneless Organelle Associated with the Endoplasmic Reticulum Enables 3'UTR-Mediated Protein-Protein Interactions. *Cell*, 175(6), 1492.