Resource Summary Report

Generated by dkNET on Aug 29, 2026

mCh-Sec61 beta

RRID:Addgene_49155
Type: Plasmid

Proper Citation

RRID:Addgene_49155

Plasmid Information

URL: http://www.addgene.org/49155

Proper Citation: RRID:Addgene_49155

Insert Name: Sec61 beta

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:20955502

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pAcGFP1-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: *Note that the AcGFP1 is still present in this plasmid, but it is not expressed.

Plasmid Name: mCh-Sec61 beta

Record Creation Time: 20220422T222253+0000

Record Last Update: 20260829T080622+0000

Ratings and Alerts

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

No alerts have been found for mCh-Sec61 beta.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 64 mentions in open access literature.

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

Maekawa Y, et al. (2026) Bleb expansion requires transient membrane invaginations that sequester curvature-preferring proteins. Proceedings of the National Academy of Sciences of the United States of America, 123(21), e2534871123.

Chopra U, et al. (2025) Endoplasmic reticulum facilitates the coordinated division of Salmonella-containing vacuoles. mBio, 16(5), e0011425.

Shiiba I, et al. (2025) ER-mitochondria contacts mediate lipid radical transfer via RMDN3/PTPIP51 phosphorylation to reduce mitochondrial oxidative stress. Nature communications, 16(1), 1508.

Santinho A, et al. (2024) Giant organelle vesicles to uncover intracellular membrane mechanics and plasticity. Nature communications, 15(1), 3767.

Hofstadter WA, et al. (2024) Infection-induced peripheral mitochondria fission drives ER encapsulations and inter-mitochondria contacts that rescue bioenergetics. Nature communications, 15(1), 7352.

Somborac T, et al. (2023) The subset of peroxisomal tail-anchored proteins do not reach peroxisomes via ER, instead mitochondria can be involved. PloS one, 18(12), e0295047.

Fan Y, et al. (2023) Differential proteomics argues against a general role for CD9, CD81 or CD63 in the sorting of proteins into extracellular vesicles. Journal of extracellular vesicles, 12(8), e12352.

Mustafá ER, et al. (2023) Constitutive activity of the dopamine (D5) receptor, highly expressed in CA1 hippocampal neurons, selectively reduces CaV 3.2 and CaV 3.3 currents. British journal of pharmacology, 180(9), 1210.

Cho E, et al. (2023) Ratiometric measurement of MAM Ca2+ dynamics using a modified CalfluxVTN. Nature communications, 14(1), 3586.

Acevedo-Sánchez Y, et al. (2023) An obligate intracellular bacterial pathogen forms a direct, interkingdom membrane contact site. bioRxiv : the preprint server for biology.

Fuentes LA, et al. (2023) The nanoscale organization of reticulon 4 shapes local endoplasmic reticulum structure in situ. The Journal of cell biology, 222(10).

Smith MR, et al. (2023) A Turn-On Fluorescent Amino Acid Sensor Reveals Chloroquine's Effect on Cellular Amino Acids via Inhibiting Cathepsin L. ACS central science, 9(5), 980.

Taniguchi S, et al. (2022) The Ubiquitin Ligase RNF34 Participates in the Peripheral Quality Control of CFTR (RNF34 Role in CFTR PeriQC). Frontiers in molecular biosciences, 9, 840649.

Aaltonen MJ, et al. (2022) Serine palmitoyltransferase assembles at ER-mitochondria contact sites. Life science alliance, 5(2).

Yuan C, et al. (2022) Comprehensive Subcellular Localization of Swine Acute Diarrhea Syndrome Coronavirus Proteins. Journal of virology, 96(17), e0077222.

Cruz-Cosme R, et al. (2022) A novel diG motif in ORF3a protein of SARS-Cov-2 for intracellular transport. Frontiers in cell and developmental biology, 10, 1011221.

Lone MA, et al. (2022) SPTLC1 variants associated with ALS produce distinct sphingolipid signatures through impaired interaction with ORMDL proteins. The Journal of clinical investigation, 132(18).

Cook KC, et al. (2022) Restructured membrane contacts rewire organelles for human cytomegalovirus infection. Nature communications, 13(1), 4720.

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.

Spits M, et al. (2021) Mobile late endosomes modulate peripheral endoplasmic reticulum network architecture. EMBO reports, 22(3), e50815.