

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Str-KDEL_SBP-EGFP-GPI

RRID:Addgene_65294

Type: Plasmid

Proper Citation

RRID:Addgene_65294

Plasmid Information

URL: <http://www.addgene.org/65294>

Proper Citation: RRID:Addgene_65294

Insert Name: GPI anchor

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22406856](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pIRESneo3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: luminal tagging

Plasmid Name: Str-KDEL_SBP-EGFP-GPI

Record Creation Time: 20220422T222412+0000

Record Last Update: 20260725T075007+0000

Ratings and Alerts

No rating or validation information has been found for Str-KDEL_SBP-EGFP-GPI.

No alerts have been found for Str-KDEL_SBP-EGFP-GPI.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Carpentier M, et al. (2025) Seipin Governs caveolin-1 trafficking through modulating sphingolipid-glycerolipid balance. *Cell reports*, 44(10), 116320.

Boyer CK, et al. (2023) Synchronized proinsulin trafficking reveals delayed Golgi export accompanies β -cell secretory dysfunction in rodent models of hyperglycemia. *Scientific reports*, 13(1), 5218.

Hegazi S, et al. (2022) UBR4/POE facilitates secretory trafficking to maintain circadian clock synchrony. *Nature communications*, 13(1), 1594.

Motani K, et al. (2022) The Golgi-resident protein ACBD3 concentrates STING at ER-Golgi contact sites to drive export from the ER. *Cell reports*, 41(12), 111868.

van Berkel AA, et al. (2021) Loss of MUNC18-1 leads to retrograde transport defects in neurons. *Journal of neurochemistry*, 157(3), 450.

Fujii S, et al. (2020) Recycling endosomes attach to the trans-side of Golgi stacks in *Drosophila* and mammalian cells. *Journal of cell science*, 133(4).

Jiménez-Rojo N, et al. (2020) Conserved Functions of Ether Lipids and Sphingolipids in the Early Secretory Pathway. *Current biology : CB*, 30(19), 3775.

Ribeiro LF, et al. (2019) SorCS1-mediated sorting in dendrites maintains neurexin axonal surface polarization required for synaptic function. *PLoS biology*, 17(10), e3000466.

Neumann A, et al. (2019) Genome-wide identification of alternative splicing events that regulate protein transport across the secretory pathway. *Journal of cell science*, 132(8).

Emperador-Melero J, et al. (2018) Vti1a/b regulate synaptic vesicle and dense core vesicle secretion via protein sorting at the Golgi. *Nature communications*, 9(1), 3421.

Phaniraj S, et al. (2016) Hydrophobic resorufamine derivatives: potent and selective red fluorescent probes of the endoplasmic reticulum of mammalian cells. *Dyes and pigments : an international journal*, 135, 127.