

Resource Summary Report

Generated by [NIF](#) on Aug 1, 2026

Str-KDEL_ManII-SBP-EGFP

RRID:Addgene_65252

Type: Plasmid

Proper Citation

RRID:Addgene_65252

Plasmid Information

URL: <http://www.addgene.org/65252>

Proper Citation: RRID:Addgene_65252

Insert Name: Streptavidin-KDEL and truncated Mannosidase II

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22406856](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pIRES_neo3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: luminal tagging

Plasmid Name: Str-KDEL_ManII-SBP-EGFP

Relevant Mutation: contains only amino acids 1 to 116 of ManII

Record Creation Time: 20220422T222412+0000

Record Last Update: 20260725T075007+0000

Ratings and Alerts

No rating or validation information has been found for Str-KDEL_ManII-SBP-EGFP.

No alerts have been found for Str-KDEL_ManII-SBP-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Codino A, et al. (2025) METTL9 sustains vertebrate neural development primarily via non-catalytic functions. *Nature communications*, 16(1), 7051.

Nicastro R, et al. (2023) Malonyl-CoA is a conserved endogenous ATP-competitive mTORC1 inhibitor. *Nature cell biology*, 25(9), 1303.

Linders PTA, et al. (2022) Fluorescence Lifetime Imaging of pH along the Secretory Pathway. *ACS chemical biology*, 17(1), 240.

Nozawa T, et al. (2021) Intracellular Group A Streptococcus Induces Golgi Fragmentation To Impair Host Defenses through Streptolysin O and NAD-Glycohydrolase. *mBio*, 12(1).

Linders PTA, et al. (2021) Congenital disorder of glycosylation caused by starting site-specific variant in syntaxin-5. *Nature communications*, 12(1), 6227.

Westrate LM, et al. (2020) Vesicular and uncoated Rab1-dependent cargo carriers facilitate ER to Golgi transport. *Journal of cell science*, 133(14).

Hummer BH, et al. (2020) Differential sorting behavior for soluble and transmembrane cargoes at the trans-Golgi network in endocrine cells. *Molecular biology of the cell*, 31(3), 157.

Tie HC, et al. (2018) The spatial separation of processing and transport functions to the interior and periphery of the Golgi stack. *eLife*, 7.