

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

pmGFP-Sec16L

RRID:Addgene_15776

Type: Plasmid

Proper Citation

RRID:Addgene_15776

Plasmid Information

URL: <http://www.addgene.org/15776>

Proper Citation: RRID:Addgene_15776

Insert Name: Sec16L

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17192411](#)

Vector Backbone Description: Backbone Marker:Glick Lab; Backbone Size:4731; Vector Backbone:pmGFP-c1 (modified from pEGFP-c1); Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please note that we have identified a K466R missense mutation in the Sec16L/Sec16A region of this plasmid, and the start codon may not have been correctly identified when constructing this plasmid which may have resulted in the gene being truncated. However, we do not think that this should impact plasmid functionality.

Plasmid Name: pmGFP-Sec16L

Relevant Mutation: K466R

Record Creation Time: 20220422T221854+0000

Record Last Update: 20260808T081030+0000

Ratings and Alerts

No rating or validation information has been found for pmGFP-Sec16L.

No alerts have been found for pmGFP-Sec16L.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Bogus SM, et al. (2025) A hollow TFG condensate spatially compartmentalizes the early secretory pathway. Nature communications, 16(1), 3715.

Wegeng WR, et al. (2024) A Hollow TFG Condensate Spatially Compartmentalizes the Early Secretory Pathway. bioRxiv : the preprint server for biology.

Sun J, et al. (2017) A Wntless-SEC12 complex on the ER membrane regulates early Wnt secretory vesicle assembly and mature ligand export. Journal of cell science, 130(13), 2159.

Cho HJ, et al. (2014) Leucine-rich repeat kinase 2 regulates Sec16A at ER exit sites to allow ER-Golgi export. The EMBO journal, 33(20), 2314.