

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 14, 2026

mCherry-VAPB

RRID:Addgene_108126

Type: Plasmid

Proper Citation

RRID:Addgene_108126

Plasmid Information

URL: <http://www.addgene.org/108126>

Proper Citation: RRID:Addgene_108126

Insert Name: mCherry:VAPB

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29461204](#)

Vector Backbone Description: Vector Backbone:pmCherry-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: mCherry-VAPB

Record Creation Time: 20220422T221524+0000

Record Last Update: 20260808T080405+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-VAPB.

No alerts have been found for mCherry-VAPB.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Paton CD, et al. (2026) Kv2-VAP interactions enhance presynaptic ER and mitochondrial calcium influx and the mobilization of vesicles from the reserve pool. *bioRxiv : the preprint server for biology*.

Wang X, et al. (2025) The bridge-like lipid transport protein VPS13C/PARK23 mediates ER-lysosome contacts following lysosome damage. *Nature cell biology*, 27(5), 776.

Angara RK, et al. (2024) A novel bacterial effector protein mediates ER-LD membrane contacts to regulate host lipid droplets. *EMBO reports*, 25(12), 5331.

Bretou M, et al. (2024) Accumulation of APP C-terminal fragments causes endolysosomal dysfunction through the dysregulation of late endosome to lysosome-ER contact sites. *Developmental cell*, 59(12), 1571.

Mandracchia B, et al. (2023) Optimal sparsity allows reliable system-aware restoration of fluorescence microscopy images. *Science advances*, 9(35), eadg9245.

Angara RK, et al. (2023) The novel bacterial effector protein CbEPF1 mediates ER-LD membrane contacts to regulate host lipid droplet metabolism. *bioRxiv : the preprint server for biology*.

Ito N, et al. (2022) MITOL regulates phosphatidic acid-binding activity of RMDN3/PTPIP51. *Journal of biochemistry*, 171(5), 529.

Jorgenson LM, et al. (2021) Shifting proteomes: limitations in using the BioID proximity labeling system to study SNARE protein trafficking during infection with intracellular pathogens. *Pathogens and disease*, 79(7).

Mandracchia B, et al. (2020) Fast and accurate sCMOS noise correction for fluorescence microscopy. *Nature communications*, 11(1), 94.

Cabukusta B, et al. (2020) Human VAPome Analysis Reveals MOSPD1 and MOSPD3 as Membrane Contact Site Proteins Interacting with FFAT-Related FFNT Motifs. *Cell reports*, 33(10), 108475.