

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pEGFP VAMP2

RRID:Addgene_42308

Type: Plasmid

Proper Citation

RRID:Addgene_42308

Plasmid Information

URL: <http://www.addgene.org/42308>

Proper Citation: RRID:Addgene_42308

Insert Name: VAMP 2

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:12853575](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C3; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The V8A & T116S substitutions found in the Addgene sequence correspond to polymorphisms and have no functional impact.

Plasmid Name: pEGFP VAMP2

Record Creation Time: 20220422T222218+0000

Record Last Update: 20260815T081452+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP VAMP2.

No alerts have been found for pEGFP VAMP2.

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 [RRID](#) .

Aiken J, et al. (2024) Spastin locally amplifies microtubule dynamics to pattern the axon for presynaptic cargo delivery. *Current biology : CB*, 34(8), 1687.

Fox S, et al. (2024) Identification of an FMNL2 Interactome by Quantitative Mass Spectrometry. *International journal of molecular sciences*, 25(11).

Aiken J, et al. (2023) Spastin locally amplifies microtubule dynamics to pattern the axon for presynaptic cargo delivery. *bioRxiv : the preprint server for biology*.

Skelton PD, et al. (2019) Pten loss results in inappropriate excitatory connectivity. *Molecular psychiatry*, 24(11), 1627.

St??venin V, et al. (2019) Dynamic Growth and Shrinkage of the Salmonella-Containing Vacuole Determines the Intracellular Pathogen Niche. *Cell reports*, 29(12), 3958.

Shinoda H, et al. (2018) Acid-Tolerant Monomeric GFP from *Olindias formosa*. *Cell chemical biology*, 25(3), 330.

Ahmed SM, et al. (2018) Exocyst dynamics during vesicle tethering and fusion. *Nature communications*, 9(1), 5140.

Dirk BS, et al. (2018) PACS-1 and adaptor protein-1 mediate ACTH trafficking to the regulated secretory pathway. *Biochemical and biophysical research communications*, 507(1-4), 519.

Vashi N, et al. (2017) Ca²⁺-dependent Focal Exocytosis of Golgi-derived Vesicles Helps Phagocytic Uptake in Macrophages. *The Journal of biological chemistry*, 292(13), 5144.

Deng HX, et al. (2016) Identification of TMEM230 mutations in familial Parkinson's disease. *Nature genetics*, 48(7), 733.

Lee JG, et al. (2016) Unconventional secretion of misfolded proteins promotes adaptation to proteasome dysfunction in mammalian cells. *Nature cell biology*, 18(7), 765.