

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pEGFP VAMP3

RRID:Addgene_42310

Type: Plasmid

Proper Citation

RRID:Addgene_42310

Plasmid Information

URL: <http://www.addgene.org/42310>

Proper Citation: RRID:Addgene_42310

Insert Name: VAMP 3

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:9614185](#)

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

Comments: Full-length cDNA of the human isoform of cellubrevin, was obtained by reverse transcription-PCR on CaCo-2 mRNA using standard procedures and the following set of oligonucleotides: 5'-ATGTCTACAGGTCCAAGTCTG-3' (hcb5') and 5'-GCTGGTTCTTCATGAAGAGACA-3' (hcb3')

Plasmid Name: pEGFP VAMP3

Record Creation Time: 20220422T222218+0000

Record Last Update: 20260815T081452+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP VAMP3.

No alerts have been found for pEGFP VAMP3.

Data and Source Information

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Garcia Romeu H, et al. (2026) Organelle Sorting and Proteomic Analysis to Identify Proteins Involved in the Uptake and Intracellular Trafficking of Nanoparticles. *Small methods*, 10(3), e02004.

Park NY, et al. (2025) Activation of lysophagy by a TBK1-SCFFBXO3-TMEM192-TAX1BP1 axis in response to lysosomal damage. *Nature communications*, 16(1), 1109.

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

Comini M, et al. (2022) CLC Anion/Proton Exchangers Regulate Secretory Vesicle Filling and Granule Exocytosis in Chromaffin Cells. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(15), 3080.

Wang Y, et al. (2021) The frequency-dependent effect of electrical fields on the mobility of intracellular vesicles in astrocytes. *Biochemical and biophysical research communications*, 534, 429.

Tan KW, et al. (2021) JIP4 is recruited by the phosphoinositide-binding protein Phafin2 to promote recycling tubules on macropinosomes. *Journal of cell science*, 134(14).

Shi Y, et al. (2021) Cholesterol-enriched membrane micro-domain deficiency induces doxorubicin resistance via promoting autophagy in breast cancer. *Molecular therapy oncolytics*, 23, 311.

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).

Chitirala P, et al. (2019) Cytotoxic Granule Exocytosis From Human Cytotoxic T Lymphocytes Is Mediated by VAMP7. *Frontiers in immunology*, 10, 1855.

Sneeggen M, et al. (2019) WDFY2 restrains matrix metalloproteinase secretion and cell invasion by controlling VAMP3-dependent recycling. *Nature communications*, 10(1), 2850.

Liu Q, et al. (2019) A Photoactivatable Botulinum Neurotoxin for Inducible Control of Neurotransmission. *Neuron*, 101(5), 863.

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

Jayatilaka H, et al. (2018) EB1 and cytoplasmic dynein mediate protrusion dynamics for efficient 3-dimensional cell migration. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 32(3), 1207.

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