

Resource Summary Report

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

pEGFP VAMP4

RRID:Addgene_42313

Type: Plasmid

Proper Citation

RRID:Addgene_42313

Plasmid Information

URL: <http://www.addgene.org/42313>

Proper Citation: RRID:Addgene_42313

Insert Name: VAMP 4

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:11839770](#)

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

Plasmid Name: pEGFP VAMP4

Record Creation Time: 20220422T222218+0000

Record Last Update: 20260815T081452+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP VAMP4.

No alerts have been found for pEGFP VAMP4.

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 [RRID](#) .

Chen H, et al. (2023) Vesicle-associated membrane protein 2 is a cargo-selective v-SNARE for a subset of GPCRs. *The Journal of cell biology*, 222(7).

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.

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

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