

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

pEGFPC1-EPSIN 1

RRID:Addgene_22228

Type: Plasmid

Proper Citation

RRID:Addgene_22228

Plasmid Information

URL: <http://www.addgene.org/22228>

Proper Citation: RRID:Addgene_22228

Insert Name: Epsin 1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:9723620](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression, Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: Please note: Addgene's quality control sequence found the EPSIN1 gene has an insertion of threonine after aa 821 and since there is no stop codon, ESPIN1 contains the additional c terminal residues VDGTAGPGSTGSR. The depositor noted that these discrepancies do NOT affect plasmid function.

Plasmid Name: pEGFPC1-EPSIN 1

Relevant Mutation: please see depositor comment below

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260725T074431+0000

Ratings and Alerts

No rating or validation information has been found for pEGFPC1-EPSIN 1.

No alerts have been found for pEGFPC1-EPSIN 1.

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 [dkNET](#) .

Sempere Borau M, et al. (2025) Proximity labelling of internalizing influenza A viruses reveals a role for neogenin in virus uptake. PLoS pathogens, 21(7), e1013338.

Broich L, et al. (2025) Single influenza A viruses induce nanoscale cellular reprogramming at the virus-cell interface. Nature communications, 16(1), 3846.

Jin M, et al. (2024) Intersectin1 promotes clathrin-mediated endocytosis by organizing and stabilizing endocytic protein interaction networks. bioRxiv : the preprint server for biology.

Jin M, et al. (2024) Intersectin1 promotes clathrin-mediated endocytosis by organizing and stabilizing endocytic protein interaction networks. Cell reports, 43(12), 114989.

Ogunmowo TH, et al. (2023) Membrane compression by synaptic vesicle exocytosis triggers ultrafast endocytosis. Nature communications, 14(1), 2888.

G??nther SC, et al. (2022) Proteomic Identification of Potential Target Proteins of Cathepsin W for Its Development as a Drug Target for Influenza. Microbiology spectrum, 10(4), e0092122.

Yang C, et al. (2022) Actin polymerization promotes invagination of flat clathrin-coated lattices in mammalian cells by pushing at lattice edges. Nature communications, 13(1), 6127.

Li J, et al. (2016) Association of Endophilin B1 with Cytoplasmic Vesicles. Biophysical journal, 111(3), 565.

Okano M, et al. (2016) Mib1 modulates dynamin 2 recruitment via Snx18 to promote Dll1 endocytosis for efficient Notch signaling. Genes to cells : devoted to molecular & cellular mechanisms, 21(5), 425.

Sochacki KA, et al. (2014) Correlative super-resolution fluorescence and metal-replica transmission electron microscopy. Nature methods, 11(3), 305.