

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Igp120+linker-pEGFP N1

RRID:Addgene_62963

Type: Plasmid

Proper Citation

RRID:Addgene_62963

Plasmid Information

URL: <http://www.addgene.org/62963>

Proper Citation: RRID:Addgene_62963

Insert Name: Igp120

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: The 10 amino acid linker was designed using the sequence as described below but with different cloning sites (EcoRI and BamHI): Patterson GH and Lippincott-Schwartz J. (2002) A Photoactivatable GFP for Selective Photolabeling of Proteins and Cells. Science 297, 1873-1877. Examples of use: Jahreiss L, Menzies FM, Rubinsztein DC. (2008) The itinerary of autophagosomes: from peripheral formation to kiss-and-run fusion with lysosomes. Traffic 9: 574-587. Renna M, Schaffner C, Winslow AR, Menzies FM, Peden AA, Floto RA, Rubinsztein DC. (2011) Autophagic substrate clearance requires activity of the syntaxin-5 SNARE complex. J Cell Sci 124:469-482. Ogunbayo OA, Zhu Y, Shen B, Agban E, Li J, Ma J, Zhu MX, Evans AM. (2015) Organelle-specific Subunit Interactions of the Vertebrate Two-pore Channel Family. J. Biol. Chem. 290: 1086-1095.

Plasmid Name: Igp120+linker-pEGFP N1

Relevant Mutation: has 2 amino acid mutations compared to the coding sequence of NM_012857.2 D50E N371Y

Record Creation Time: 20220422T222400+0000

Record Last Update: 20260725T074946+0000

Ratings and Alerts

No rating or validation information has been found for Igp120+linker-pEGFP N1.

No alerts have been found for Igp120+linker-pEGFP N1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Davis LJ, et al. (2021) Organelle tethering, pore formation and SNARE compensation in the late endocytic pathway. Journal of cell science, 134(10).