

Resource Summary Report

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

PSD-95-pTagRFP

RRID:Addgene_52671

Type: Plasmid

Proper Citation

RRID:Addgene_52671

Plasmid Information

URL: <http://www.addgene.org/52671>

Proper Citation: RRID:Addgene_52671

Insert Name: PSD-95

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Evrogen; Backbone Size:4733; Vector Backbone:pTagRFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: HindIII and EcoRI were used to cut PSD-95 from PSD-95-pGW1 (received from David Bredt) and ligate it into pTagRFP-N.

Plasmid Name: PSD-95-pTagRFP

Record Creation Time: 20220422T222309+0000

Record Last Update: 20260815T081625+0000

Ratings and Alerts

No rating or validation information has been found for PSD-95-pTagRFP.

No alerts have been found for PSD-95-pTagRFP.

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 [RRID](#) .

Olifirov B, et al. (2025) Local Iontophoretic Application for Pharmacological Induction of Long-Term Synaptic Depression. *Bio-protocol*, 15(11), e5338.

Piers TM, et al. (2024) WNT7A-positive dendritic cytonemes control synaptogenesis in cortical neurons. *Development (Cambridge, England)*, 151(23).

Wei Z, et al. (2021) Rab43 GTPase directs postsynaptic trafficking and neuron-specific sorting of G protein-coupled receptors. *The Journal of biological chemistry*, 296, 100517.

Couch T, et al. (2021) Topography and motion of acid-sensing ion channel intracellular domains. *eLife*, 10.

Iwata S, et al. (2020) An activity-dependent local transport regulation via degradation and synthesis of KIF17 underlying cognitive flexibility. *Science advances*, 6(51).

Loomis C, et al. (2020) Identification of MAGUK scaffold proteins as intracellular binding partners of synaptic adhesion protein Slitrk2. *Molecular and cellular neurosciences*, 103, 103465.

Venkatesh HS, et al. (2019) Electrical and synaptic integration of glioma into neural circuits. *Nature*, 573(7775), 539.

Niu Y, et al. (2017) Ablation of SNX6 leads to defects in synaptic function of CA1 pyramidal neurons and spatial memory. *eLife*, 6.

Jeong DE, et al. (2017) Mitochondrial chaperone HSP-60 regulates anti-bacterial immunity via p38 MAP kinase signaling. *The EMBO journal*, 36(8), 1046.

Emanuele M, et al. (2016) Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. *EBioMedicine*, 7, 191.