

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

mEmerald-Homer1-C-18

RRID:Addgene_54120

Type: Plasmid

Proper Citation

RRID:Addgene_54120

Plasmid Information

URL: <http://www.addgene.org/54120>

Proper Citation: RRID:Addgene_54120

Insert Name: Homer1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-C1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: . Excitation = 487; Emission = 509. Localization data: Membrane Adaptor

Plasmid Name: mEmerald-Homer1-C-18

Record Creation Time: 20220422T222317+0000

Record Last Update: 20260815T081637+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Homer1-C-18.

No alerts have been found for mEmerald-Homer1-C-18.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Yoon S, et al. (2021) Homer1 promotes dendritic spine growth through ankyrin-G and its loss reshapes the synaptic proteome. *Molecular psychiatry*, 26(6), 1775.

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