

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

HaloTag-bActinCDS-bActinUTR-MS2V5

RRID:Addgene_102718

Type: Plasmid

Proper Citation

RRID:Addgene_102718

Plasmid Information

URL: <http://www.addgene.org/102718>

Proper Citation: RRID:Addgene_102718

Insert Name: HaloTag-bActinCDS-bActin3'UTR-MS2V5

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27791158](#)

Vector Backbone Description: Backbone Size:6250; Vector Backbone:pUbC; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please note, due to the AT rich sequence within the Actin 3'UTR, there are some discrepancies between the Addgene NGS result and the provided full plasmid reference sequence.

Plasmid Name: HaloTag-bActinCDS-bActinUTR-MS2V5

Record Creation Time: 20220422T221457+0000

Record Last Update: 20260912T091351+0000

Ratings and Alerts

No rating or validation information has been found for HaloTag-bActinCDS-bActinUTR-MS2V5.

No alerts have been found for HaloTag-bActinCDS-bActinUTR-MS2V5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Li R, et al. (2026) Single-molecule dynamics of the TRiC chaperonin system in vivo. Nature, 652(8109), 481.

Boraas LC, et al. (2025) G3BP1 ribonucleoprotein complexes regulate focal adhesion protein mobility and cell migration. Cell reports, 44(2), 115237.

Zaninello M, et al. (2024) CLUH maintains functional mitochondria and translation in motoneuronal axons and prevents peripheral neuropathy. Science advances, 10(22), eadn2050.

Kharod SC, et al. (2023) Protocol to study presynaptic protein synthesis in ex?vivo mouse hippocampal slices using HaloTag technology. STAR protocols, 4(1), 101986.

Monday HR, et al. (2022) Presynaptic FMRP and local protein synthesis support structural and functional plasticity of glutamatergic axon terminals. Neuron, 110(16), 2588.

Biswas J, et al. (2021) Protocol for using TRIBE to study RNA-protein interactions and nuclear organization in mammalian cells. STAR protocols, 2(3), 100634.

Cawte AD, et al. (2020) Live cell imaging of single RNA molecules with fluorogenic Mango II arrays. Nature communications, 11(1), 1283.