

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pAd GFP HDAC5 S259A/S498A

RRID:Addgene_32218

Type: Plasmid

Proper Citation

RRID:Addgene_32218

Plasmid Information

URL: <http://www.addgene.org/32218>

Proper Citation: RRID:Addgene_32218

Insert Name: HDAC5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21565617](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:37000; Vector Backbone:pAd CMV/V5 DEST; Vector Types:Mammalian Expression, Adenoviral; Bacterial Resistance:Ampicillin

Plasmid Name: pAd GFP HDAC5 S259A/S498A

Relevant Mutation: S259A/S498A

Record Creation Time: 20220422T222140+0000

Record Last Update: 20260815T081344+0000

Ratings and Alerts

No rating or validation information has been found for pAd GFP HDAC5 S259A/S498A.

No alerts have been found for pAd GFP HDAC5 S259A/S498A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Gu P, et al. (2021) Central Endothelin-1 Confers Analgesia by Triggering Spinal Neuronal Histone Deacetylase 5 (HDAC5) Nuclear Exclusion in Peripheral Neuropathic Pain in Mice. The journal of pain, 22(4), 454.

Meng ZX, et al. (2017) Glucose Sensing by Skeletal Myocytes Couples Nutrient Signaling to Systemic Homeostasis. Molecular cell, 66(3), 332.

Choi M, et al. (2015) Ketamine produces antidepressant-like effects through phosphorylation-dependent nuclear export of histone deacetylase 5 (HDAC5) in rats. Proceedings of the National Academy of Sciences of the United States of America, 112(51), 15755.