

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## pcDNA-HDAC6.?Buz-FLAG

RRID:Addgene\_30484

Type: Plasmid

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### Proper Citation

RRID:Addgene\_30484

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### Plasmid Information

**URL:** <http://www.addgene.org/30484>

**Proper Citation:** RRID:Addgene\_30484

**Insert Name:** HDAC6

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:14675537](#)

**Vector Backbone Description:** Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Plasmid Name:** pcDNA-HDAC6.?Buz-FLAG

**Relevant Mutation:** Deletion of the C-terminal Ubiquitin binding domain- aa1044-1273 (BUZ domain)

**Record Creation Time:** 20220422T222133+0000

**Record Last Update:** 20260815T081325+0000

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### Ratings and Alerts

No rating or validation information has been found for pcDNA-HDAC6.?Buz-FLAG.

No alerts have been found for pcDNA-HDAC6.?Buz-FLAG.

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### Data and Source Information

Source: [Addgene](#)

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## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Roe A, et al. (2025) Inhibition of HDAC6 alters fumarate hydratase activity and mitochondrial structure. Nature communications, 16(1), 6923.

Rana PS, et al. (2024) HDAC6 Inhibition Releases HR23B to Activate Proteasomes, Expand the Tumor Immunoepitome and Amplify T-cell Antimyeloma Activity. Cancer research communications, 4(6), 1517.

Nomura Y, et al. (2021) Inhibition of HDAC6 Activity Protects Against Endothelial Dysfunction and Atherogenesis in vivo: A Role for HDAC6 Neddylation. Frontiers in physiology, 12, 675724.