

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

[pBD-0001](#)

RRID:Addgene_12373

Type: Plasmid

Proper Citation

RRID:Addgene_12373

Plasmid Information

URL: <http://www.addgene.org/12373>

Proper Citation: RRID:Addgene_12373

Insert Name: VCP

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:16713576](#)

Vector Backbone Description: Backbone Size:5400; Vector Backbone:pET-28a; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pBD-0001

Record Creation Time: 20220422T221648+0000

Record Last Update: 20260815T080358+0000

Ratings and Alerts

No rating or validation information has been found for pBD-0001.

No alerts have been found for pBD-0001.

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](#) .

Phan JM, et al. (2023) Novel VCP activator reverses multisystem proteinopathy nuclear proteostasis defects and enhances TDP-43 aggregate clearance. bioRxiv : the preprint server for biology.

Guo X, et al. (2016) VCP recruitment to mitochondria causes mitophagy impairment and neurodegeneration in models of Huntington's disease. Nature communications, 7, 12646.

Kernstock S, et al. (2012) Lysine methylation of VCP by a member of a novel human protein methyltransferase family. Nature communications, 3, 1038.