Resource Summary Report

Generated by RRID on Aug 18, 2026

pKH3-TRIM28

RRID:Addgene_45569
Type: Plasmid

Proper Citation

RRID:Addgene_45569

Plasmid Information

URL: http://www.addgene.org/45569

Proper Citation: RRID:Addgene_45569

Insert Name: TRIM28

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:21940674

Vector Backbone Description: Backbone Marker:Addgene plasmid Plasmid 12555; Backbone Size:4800; Vector Backbone:pKH3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Full-length human TRIM28 was purchased from Origene and subcloned into vector pKH3 to generate pKH3-Trim28.

Plasmid Name: pKH3-TRIM28

Record Creation Time: 20220422T222235+0000

Record Last Update: 20260815T081525+0000

Ratings and Alerts

No rating or validation information has been found for pKH3-TRIM28.

No alerts have been found for pKH3-TRIM28.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Lin KH, et al. (2024) Satellite cell-derived TRIM28 is pivotal for mechanical load- and injury-induced myogenesis. EMBO reports, 25(9), 3812.

Lin KH, et al. (2023) The role of satellite cell-derived TRIM28 in mechanical load- and injury-induced myogenesis. bioRxiv : the preprint server for biology.

Lobanova Y, et al. (2023) TRIM28 regulates transcriptional activity of methyl-DNA binding protein Kaiso by SUMOylation. Biochimie, 206, 73.

Ouyang C, et al. (2022) Post-translational Modification in Control of SIRT1 Stability during DNA Damage Response. International journal of biological sciences, 18(7), 2655.

Budziński ML, et al. (2022) Tricyclic antidepressants target FKBP51 SUMOylation to restore glucocorticoid receptor activity. Molecular psychiatry, 27(5), 2533.

Steinert ND, et al. (2021) Mapping of the contraction-induced phosphoproteome identifies TRIM28 as a significant regulator of skeletal muscle size and function. Cell reports, 34(9), 108796.

Rousseaux MW, et al. (2018) Depleting Trim28 in adult mice is well tolerated and reduces levels of ?-synuclein and tau. eLife, 7.

Fong KW, et al. (2018) TRIM28 protects TRIM24 from SPOP-mediated degradation and promotes prostate cancer progression. Nature communications, 9(1), 5007.

Jaiswal H, et al. (2017) ATM/Wip1 activities at chromatin control Plk1 re-activation to determine G2 checkpoint duration. The EMBO journal, 36(14), 2161.

He H, et al. (2016) PEG3 Interacts with KAP1 through KRAB-A. PloS one, 11(11), e0167541.

Gjyshi O, et al. (2015) Activated Nrf2 Interacts with Kaposi's Sarcoma-Associated Herpesvirus Latency Protein LANA-1 and Host Protein KAP1 To Mediate Global Lytic Gene Repression. Journal of virology, 89(15), 7874.