

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[pMSCVFLAG-ZFP423](#)

RRID:Addgene_24764

Type: Plasmid

Proper Citation

RRID:Addgene_24764

Plasmid Information

URL: <http://www.addgene.org/24764>

Proper Citation: RRID:Addgene_24764

Insert Name: Zinc Finger Protein 423

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20200519](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:6295; Vector Backbone:pMSCV puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pMSCVFLAG-ZFP423

Record Creation Time: 20220422T222110+0000

Record Last Update: 20260815T081234+0000

Ratings and Alerts

No rating or validation information has been found for pMSCVFLAG-ZFP423.

No alerts have been found for pMSCVFLAG-ZFP423.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Dang TN, et al. (2022) Expression of the preadipocyte marker ZFP423 is dysregulated between well-differentiated and dedifferentiated liposarcoma. BMC cancer, 22(1), 300.

Stelling E, et al. (2020) Increased prostaglandin-D2 in male STAT3-deficient hearts shifts cardiac progenitor cells from endothelial to white adipocyte differentiation. PLoS biology, 18(12), e3000739.

Liang X, et al. (2016) Maternal obesity epigenetically alters visceral fat progenitor cell properties in male offspring mice. The Journal of physiology, 594(15), 4453.

Yang QY, et al. (2013) Maternal obesity induces epigenetic modifications to facilitate Zfp423 expression and enhance adipogenic differentiation in fetal mice. Diabetes, 62(11), 3727.

Huang Y, et al. (2012) Zfp423 promotes adipogenic differentiation of bovine stromal vascular cells. PloS one, 7(10), e47496.