

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

pENN.AAV.CB7.CI.PM20D1-flag.WPRE.rBG

RRID:Addgene_132682

Type: Plasmid

Proper Citation

RRID:Addgene_132682

Plasmid Information

URL: <http://www.addgene.org/132682>

Proper Citation: RRID:Addgene_132682

Insert Name: Peptidase M20 domain containing 1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31587987](#)

Vector Backbone Description: Backbone Marker:Penn Vector Core; Backbone Size:5700; Vector Backbone:pENN.AAV.CB7.CI.insert.WPRE.rBG; Vector Types:AAV; Bacterial Resistance:Ampicillin

Plasmid Name: pENN.AAV.CB7.CI.PM20D1-flag.WPRE.rBG

Record Creation Time: 20220422T221736+0000

Record Last Update: 20260808T080803+0000

Ratings and Alerts

No rating or validation information has been found for pENN.AAV.CB7.CI.PM20D1-flag.WPRE.rBG.

No alerts have been found for pENN.AAV.CB7.CI.PM20D1-flag.WPRE.rBG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

A M, et al. (2026) Irisin ameliorates obesity and insulin resistance via adipose tissue IL-33 and regulatory T cells. *Nature metabolism*, 8(4), 885.

Shimonty A, et al. (2024) Deletion of FNDC5/irisin modifies murine osteocyte function in a sex-specific manner. *eLife*, 12.

Shimonty A, et al. (2023) Deletion of FNDC5/Irisin modifies murine osteocyte function in a sex-specific manner. *bioRxiv : the preprint server for biology*.

Islam MR, et al. (2021) Exercise hormone irisin is a critical regulator of cognitive function. *Nature metabolism*, 3(8), 1058.

Kim JT, et al. (2020) A Plasma Protein Network Regulates PM20D1 and N-Acyl Amino Acid Bioactivity. *Cell chemical biology*, 27(9), 1130.

Kim JT, et al. (2020) Cooperative enzymatic control of N-acyl amino acids by PM20D1 and FAAH. *eLife*, 9.

Kim JT, et al. (2019) Family-wide Annotation of Enzymatic Pathways by Parallel In??Vivo Metabolomics. *Cell chemical biology*, 26(11), 1623.