

Resource Summary Report

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

pBS MCK promoter

RRID:Addgene_12528

Type: Plasmid

Proper Citation

RRID:Addgene_12528

Plasmid Information

URL: <http://www.addgene.org/12528>

Proper Citation: RRID:Addgene_12528

Insert Name: MCK promoter

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9844629](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pBluescriptKS; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: A 6.5 kb XhoI fragment containing 3 kb of the MCK promoter and enhancer 1, untranslated exon 1, 3 kb of intron 1 including the enhancer region E2, and the first 16 bp of exon 2 was subcloned into the XhoI site of pBluescriptKS to result in pBSMCK. A PolyA sequence was added downstream (see author's map, MCK-polyA-2). Please note that the restriction sites shown between the MCK promoter and polyA region in the author's map are NOT unique sites.

Plasmid Name: pBS MCK promoter

Record Creation Time: 20220422T221657+0000

Record Last Update: 20260808T080652+0000

Ratings and Alerts

No rating or validation information has been found for pBS MCK promoter.

No alerts have been found for pBS MCK promoter.

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](#) .

Zheng L, et al. (2025) The growth factor FGF21 maintains neuromuscular junction through histone deacetylase HDAC4 in denervation-induced skeletal muscle atrophy. The Journal of biological chemistry, 301(11), 110756.

Xiong Z, et al. (2023) Tceal7 Regulates Skeletal Muscle Development through Its Interaction with Cdk1. International journal of molecular sciences, 24(7).

Liang R, et al. (2021) H19X-encoded miR-322(424)/miR-503 regulates muscle mass by targeting translation initiation factors. Journal of cachexia, sarcopenia and muscle, 12(6), 2174.

Kaiser E, et al. (2019) DREADD technology reveals major impact of Gq signalling on cardiac electrophysiology. Cardiovascular research, 115(6), 1052.

Sasaki T, et al. (2018) The exercise-inducible bile acid receptor Tgr5 improves skeletal muscle function in mice. The Journal of biological chemistry, 293(26), 10322.

Patel AK, et al. (2014) Goat activin receptor type IIB knockdown by muscle specific promoter driven artificial microRNAs. Journal of biotechnology, 187, 87.

Alexander MS, et al. (2011) Regulation of DMD pathology by an ankyrin-encoded miRNA. Skeletal muscle, 1, 27.