

Resource Summary Report

Generated by ASWG on Aug 30, 2026

BKS-Lepr^{em2Cd479}Dock7/Gpt

RRID:IMSR_GPT:T002407

Type: Organism

Proper Citation

RRID:IMSR_GPT:T002407

Organism Information

URL: https://en.gempharmatech.com/product/details100035_3908030.html

Proper Citation: RRID:IMSR_GPT:T002407

Description: Mus musculus with name BKS-Lepr^{em2Cd479}Dock7/Gpt from IMSR.

Species: Mus musculus

Synonyms: BKS.Cg-Dock7 Lepr/Gpt

Notes: gene symbol note: leptin receptor; coisogenic strain: Lepr;db

Affected Gene: leptin receptor

Catalog Number: GPT:T002407

Database: GemPharmatech

Database Abbreviation: GPT

Availability: embryo

Organism Name: BKS-Lepr^{em2Cd479}Dock7/Gpt

Record Creation Time: 20250513T053927+0000

Record Last Update: 20260829T045224+0000

Ratings and Alerts

No rating or validation information has been found for BKS-Lepr^{em2Cd479}Dock7/Gpt.

No alerts have been found for BKS-Lepr^{em2Cd479}Dock7/Gpt.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: GemPharmatech

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Lu Z, et al. (2026) Gut glucose assimilation governs glucose homeostasis through reciprocal interaction between glucose and amino acid transporter. Cell reports, 45(4), 117104.

Wang JX, et al. (2024) Lactobacillus reuteri-Enriched Eicosatrienoic Acid Regulates Glucose Homeostasis by Promoting GLP-1 Secretion to Protect Intestinal Barrier Integrity. Journal of agricultural and food chemistry.

Yu F, et al. (2024) Pancreatic β cell interleukin-22 receptor subunit alpha 1 deficiency impairs β cell function in type 2 diabetes via cytochrome b5 reductase 3. Cell reports, 43(12), 115057.

Qu H, et al. (2024) Mitochondrial glycerol 3-phosphate dehydrogenase deficiency exacerbates lipotoxic cardiomyopathy. iScience, 27(6), 109796.

Shao M, et al. (2024) Canagliflozin regulates metabolic reprogramming in diabetic kidney disease by inducing fasting-like and aestivation-like metabolic patterns. Diabetologia, 67(4), 738.

Chen Q, et al. (2022) Ginsenoside Compound K Ameliorates Development of Diabetic Kidney Disease through Inhibiting TLR4 Activation Induced by Microbially Produced Imidazole Propionate. International journal of molecular sciences, 23(21).

Liu P, et al. (2021) Empagliflozin protects diabetic pancreatic tissue from damage by inhibiting the activation of the NLRP3/caspase-1/GSDMD pathway in pancreatic β cells: in vitro and in vivo studies. Bioengineered, 12(2), 9356.