

Resource Summary Report

Generated by [dkNET](#) on Sep 12, 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: 20260905T044654+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 [dkNET](#).

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*.

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.

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

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.

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.