

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

pcDNA3-IGFBP5-V5

RRID:Addgene_11608

Type: Plasmid

Proper Citation

RRID:Addgene_11608

Plasmid Information

URL: <http://www.addgene.org/11608>

Proper Citation: RRID:Addgene_11608

Insert Name: Insulin Growth Factor Binding Protein 5

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Marker:invitrogen; Backbone Size:5000; Vector Backbone:pcDNA3-V5/His; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3-IGFBP5-V5

Relevant Mutation: no mutations

Record Creation Time: 20220422T221608+0000

Record Last Update: 20260919T090608+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-IGFBP5-V5.

No alerts have been found for pcDNA3-IGFBP5-V5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Gong Z, et al. (2026) Insulin-like growth factor-binding protein 5 promotes prostate cancer metastasis and osteoblastic activity by inducing chemokines and activating NF- κ B signaling. *Cancer cell international*, 26(1).

Waters JA, et al. (2025) Preadipocyte-induced upregulation of IGFBP5 enhances ovarian cancer tumorigenesis via CREB signaling. *iScience*, 28(8), 113034.

Leslie AR, et al. (2025) IGFBP3-SphK1/S1P Signaling Axis Drives Enzalutamide Resistance in Advanced Prostate Cancer. *Molecular cancer therapeutics*.

Plum MTW, et al. (2024) *Burkholderia thailandensis* uses a type VI secretion system to lyse protrusions without triggering host cell responses. *Cell host & microbe*, 32(5), 676.

Wysocki PT, et al. (2023) lncRNA DIRC3 regulates invasiveness and insulin-like growth factor signaling in thyroid cancer cells. *Endocrine-related cancer*, 30(8).

Wang W, et al. (2018) KDM6B Counteracts EZH2-Mediated Suppression of IGFBP5 to Confer Resistance to PI3K/AKT Inhibitor Treatment in Breast Cancer. *Molecular cancer therapeutics*, 17(9), 1973.

Huang YH, et al. (2018) POU2F3 is a master regulator of a tuft cell-like variant of small cell lung cancer. *Genes & development*, 32(13-14), 915.

Glaeser K, et al. (2018) ERAD-dependent control of the Wnt secretory factor Evi. *The EMBO journal*, 37(4).

Hanna JA, et al. (2016) PAX7 is a required target for microRNA-206-induced differentiation of fusion-negative rhabdomyosarcoma. *Cell death & disease*, 7(6), e2256.