

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pcDNA Flag ERbeta

RRID:Addgene_35562

Type: Plasmid

Proper Citation

RRID:Addgene_35562

Plasmid Information

URL: <http://www.addgene.org/35562>

Proper Citation: RRID:Addgene_35562

Insert Name: Estrogen Receptor beta

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20660297](#)

Vector Backbone Description: Vector Backbone:pcDNA 3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA Flag ERbeta

Record Creation Time: 20220422T222152+0000

Record Last Update: 20260815T081406+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA Flag ERbeta.

No alerts have been found for pcDNA Flag ERbeta.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Chhabra A, et al. (2026) Estrogen receptors α/β exhibit distinct intermolecular interactions to mediate gene regulatory events. *Life sciences*, 389, 124249.

Coupland C, et al. (2025) Estrogenic activity of E2-conjugated GLP-1 is mediated by intracellular endolysosomal acidification and estrone metabolism. *Molecular metabolism*, 96, 102136.

Rizvi S, et al. (2025) Zearalenone and its metabolites provoke contrasting modulatory responses on estrogen and androgen receptors: Insights into the molecular basis of endocrine disruption in live cells. *Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association*, 203, 115593.

Park Y, et al. (2024) N-Myc and STAT Interactor is an Endometriosis Suppressor. *International journal of molecular sciences*, 25(15).

Zahr T, et al. (2024) Small molecule conjugates with selective estrogen receptor α agonism promote anti-aging benefits in metabolism and skin recovery. *Acta pharmaceutica Sinica. B*, 14(5), 2137.

Zhou Y, et al. (2022) The steroid hormone estriol (E3) regulates epigenetic programming of fetal mouse brain and reproductive tract. *BMC biology*, 20(1), 93.

Mishra S, et al. (2021) Inhibition of phosphodiesterase type 9 reduces obesity and cardiometabolic syndrome in mice. *The Journal of clinical investigation*, 131(21).

Enwere EK, et al. (2020) The prevalence and prognostic significance of estrogen receptor beta expression in non-small cell lung cancer. *Translational lung cancer research*, 9(3), 496.

Baetens D, et al. (2018) Biallelic and monoallelic ESR2 variants associated with 46,XY disorders of sex development. *Genetics in medicine : official journal of the American College of Medical Genetics*, 20(7), 717.

Burstein SR, et al. (2018) Estrogen receptor beta modulates permeability transition in brain mitochondria. *Biochimica et biophysica acta. Bioenergetics*, 1859(6), 423.

Ma Y, et al. (2015) A new class of small molecule estrogen receptor- α antagonists that overcome anti-estrogen resistance. *Oncotarget*, 6(38), 40388.

Erdemir HH, et al. (2014) IQGAP1 binds to estrogen receptor- α and modulates its function. *The Journal of biological chemistry*, 289(13), 9100.