

Resource Summary Report

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

pGL2Basic-EcadK1

RRID:Addgene_19290

Type: Plasmid

Proper Citation

RRID:Addgene_19290

Plasmid Information

URL: <http://www.addgene.org/19290>

Proper Citation: RRID:Addgene_19290

Insert Name: E-cadherin

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10602481](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5568; Vector Backbone:pGL2Basic; Vector Types:Mammalian Expression, Luciferase; Bacterial Resistance:Ampicillin

Comments: Endogenous ATG of Ecad destroyed; "C" deleted 5 bp 5' of ATG (the destroyed one) 33 bp linker between Ecad promoter and luciferase gene.

Plasmid Name: pGL2Basic-EcadK1

Relevant Mutation: E-cad promoter sequences from -108 to +125

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260815T081143+0000

Ratings and Alerts

No rating or validation information has been found for pGL2Basic-EcadK1.

No alerts have been found for pGL2Basic-EcadK1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Mody AC, et al. (2025) Targeted protein O-GlcNAc reveals transcriptional functions for O-GlcNAc. Cell chemical biology, 32(12), 1486.

Qiang L, et al. (2023) Autophagy regulates tumor growth and metastasis. bioRxiv : the preprint server for biology.

Leonard JL, et al. (2017) The Dkk3 gene encodes a vital intracellular regulator of cell proliferation. PloS one, 12(7), e0181724.

Karaczyn AA, et al. (2017) Human NUMB6 Induces Epithelial-Mesenchymal Transition and Enhances Breast Cancer Cells Migration and Invasion. Journal of cellular biochemistry, 118(2), 237.

Lo Sasso G, et al. (2014) Loss of Sirt1 function improves intestinal anti-bacterial defense and protects from colitis-induced colorectal cancer. PloS one, 9(7), e102495.

Kashyap A, et al. (2013) The human Lgl polarity gene, Hvgl-2, induces MET and suppresses Snail tumorigenesis. Oncogene, 32(11), 1396.

Eneling K, et al. (2012) Salt-inducible kinase 1 regulates E-cadherin expression and intercellular junction stability. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 26(8), 3230.

Guenther JF, et al. (2010) Modulation of lung inflammation by the Epstein-Barr virus protein Zta. American journal of physiology. Lung cellular and molecular physiology, 299(6), L771.