

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

pCMV-NHERF1-PDZ1iP

RRID:Addgene_28295

Type: Plasmid

Proper Citation

RRID:Addgene_28295

Plasmid Information

URL: <http://www.addgene.org/28295>

Proper Citation: RRID:Addgene_28295

Insert Name: NHERF1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:17242191](#)

Vector Backbone Description: Backbone Size:5000; Vector Backbone:pCMV-2-FLAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCMV-NHERF1-PDZ1iP

Relevant Mutation: Contains aa 1-148 (deletion of PDZ2 and EB domains)

Record Creation Time: 20220422T222127+0000

Record Last Update: 20260725T074527+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-NHERF1-PDZ1iP.

No alerts have been found for pCMV-NHERF1-PDZ1iP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Matoo S, et al. (2024) The microvillar protocadherin CDHR5 associates with EBP50 to promote brush border assembly. *Molecular biology of the cell*, 35(3), ar36.

Cacho-Navas C, et al. (2024) ICAM-1 nanoclusters regulate hepatic epithelial cell polarity by leukocyte adhesion-independent control of apical actomyosin. *eLife*, 12.

He P, et al. (2016) The NHERF1 PDZ1 domain and IRBIT interact and mediate the activation of Na⁺/H⁺ exchanger 3 by ANG II. *American journal of physiology. Renal physiology*, 311(2), F343.