

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

hE-cadherin/?p120

RRID:Addgene_45770

Type: Plasmid

Proper Citation

RRID:Addgene_45770

Plasmid Information

URL: <http://www.addgene.org/45770>

Proper Citation: RRID:Addgene_45770

Insert Name: hE-cadherin/?p120

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:11381089](#)

Vector Backbone Description: Vector Backbone:pLKpac1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The three-alanine substitution present in this plasmid prevent the hE-cadherin gene product from interacting with p120 catenin. Alternate plasmid name: hE-cadherin-762AAA-pcDNA3

Plasmid Name: hE-cadherin/?p120

Relevant Mutation: Amino acids 762-764 converted from EED to AAA to abolish p120 interaction

Record Creation Time: 20220422T222236+0000

Record Last Update: 20260902T045522+0000

Ratings and Alerts

No rating or validation information has been found for hE-cadherin/?p120.

No alerts have been found for hE-cadherin/?p120.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kwak JH, et al. (2026) Gapmer Antisense Oligonucleotide Targeting E-Cadherin Rescues Abnormal Keratinization in X-Linked Ichthyosis Models. *Biomolecules & therapeutics*, 34(1), 213.

Tiemann U, et al. (2025) Pancreatic alpha and beta cell fate choice is directed by apical-basal polarity dynamics. *Developmental cell*, 60(13), 1871.