

Resource Summary Report

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

pET22b-EC12-129/138

RRID:Addgene_47926

Type: Plasmid

Proper Citation

RRID:Addgene_47926

Plasmid Information

URL: <http://www.addgene.org/47926>

Proper Citation: RRID:Addgene_47926

Insert Name: E-Cadherin EC12

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23923816](#)

Vector Backbone Description: Backbone Marker:Novagen; Backbone Size:5406; Vector Backbone:pET-22b(+); Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Plasmid contains E-Cadherin domains 1 and 2 (aa157-375, when compared to GenBank reference sequence NP_033994.1). Numbering of the mutations is relative to this sequence. The pro-peptide sequence that is normally cleaved during maturation was intentionally removed as part of the cloning strategy for expression in bacteria.

Plasmid Name: pET22b-EC12-129/138

Relevant Mutation: Mutations C9A, K129C, D138C

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260815T081545+0000

Ratings and Alerts

No rating or validation information has been found for pET22b-EC12-129/138.

No alerts have been found for pET22b-EC12-129/138.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.