Resource Summary Report

Generated by NIF on Sep 16, 2026

pDEST14-Cys-SpyCatcher002

RRID:Addgene_102829
Type: Plasmid

Proper Citation

RRID:Addgene_102829

Plasmid Information

URL: http://www.addgene.org/102829

Proper Citation: RRID:Addgene_102829

Insert Name: Cys-SpyCatcher002

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: PMID:29024296

Vector Backbone Description: Backbone Marker:Thermo Fisher Scientific; Backbone Size:6422; Vector Backbone:pDEST14; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pDEST14-Cys-SpyCatcher002

Relevant Mutation: Cysteine residue in N-terminal region

Record Creation Time: 20220422T221457+0000

Record Last Update: 20260912T091352+0000

Ratings and Alerts

No rating or validation information has been found for pDEST14-Cys-SpyCatcher002.

No alerts have been found for pDEST14-Cys-SpyCatcher002.

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 .

Brizendine RK, et al. (2021) Evidence for S2 flexibility by direct visualization of quantum dot-labeled myosin heads and rods within smooth muscle myosin filaments moving on actin in vitro. The Journal of general physiology, 153(3).

Brizendine RK, et al. (2019) Using the SpyTag SpyCatcher system to label smooth muscle myosin II filaments with a quantum dot on the regulatory light chain. Cytoskeleton (Hoboken, N.J.), 76(2), 192.