

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pSKBAD2

RRID:Addgene_15335

Type: Plasmid

Proper Citation

RRID:Addgene_15335

Plasmid Information

URL: <http://www.addgene.org/15335>

Proper Citation: RRID:Addgene_15335

Insert Name: DnaE C-intein

Organism: Nostoc punctiforme

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16516207](#)

Vector Backbone Description: Backbone Marker:Invitrogen but modified; Backbone Size:4771; Vector Backbone:pBAD; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pSKBAD2

Record Creation Time: 20220422T221839+0000

Record Last Update: 20260725T074026+0000

Ratings and Alerts

No rating or validation information has been found for pSKBAD2.

No alerts have been found for pSKBAD2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Romero-Casañas A, et al. (2024) Ligation of multiple protein domains using orthogonal inteins with non-native splice junctions. *Protein science : a publication of the Protein Society*, 33(7), e5070.

Przybyszewska-Podstawka A, et al. (2023) Synthetic circuits based on split Cas9 to detect cellular events. *Scientific reports*, 13(1), 14988.

Lee WHK, et al. (2021) Dengue virus protease activity modulated by dynamics of protease cofactor. *Biophysical journal*, 120(12), 2444.

Choi H, et al. (2021) Load and Display: Engineering Encapsulin as a Modular Nanoplatfrom for Protein-Cargo Encapsulation and Protein-Ligand Decoration Using Split Intein and SpyTag/SpyCatcher. *Biomacromolecules*, 22(7), 3028.

Beyer HM, et al. (2020) The crystal structure of the naturally split gp41-1 intein guides the engineering of orthogonal split inteins from cis-splicing inteins. *The FEBS journal*, 287(9), 1886.

Fink T, et al. (2019) Design of fast proteolysis-based signaling and logic circuits in mammalian cells. *Nature chemical biology*, 15(2), 115.

Ye B, et al. (2018) Intein-mediated backbone cyclization of entolimod confers enhanced radioprotective activity in mouse models. *PeerJ*, 6, e5043.

Han Z, et al. (2018) Intein-mediated assembly of tunable scaffoldins for facile synthesis of designer cellulosomes. *Applied microbiology and biotechnology*, 102(3), 1331.

Shibuya Y, et al. (2017) Generation of camelid VHH bispecific constructs via in-cell intein-mediated protein trans-splicing. *Protein engineering, design & selection : PEDS*, 30(1), 15.

Lonzari? J, et al. (2016) Locked and proteolysis-based transcription activator-like effector (TALE) regulation. *Nucleic acids research*, 44(3), 1471.

Wong S, et al. (2015) An Engineered Split Intein for Photoactivated Protein Trans-Splicing. *PloS one*, 10(8), e0135965.

Wong S, et al. (2013) Simultaneous assembly of two target proteins using split inteins for live cell imaging. *Protein engineering, design & selection : PEDS*, 26(3), 207.

Wong SS, et al. (2012) Split-intein mediated re-assembly of genetically encoded Ca(2+) indicators. *Cell calcium*, 51(1), 57.

Nagaraj S, et al. (2012) Parts-based assembly of synthetic transmembrane proteins in mammalian cells. *ACS synthetic biology*, 1(4), 111.

Muona M, et al. (2010) Segmental isotopic labeling of multi-domain and fusion proteins by protein trans-splicing in vivo and in vitro. *Nature protocols*, 5(3), 574.