

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

YFP-DBD

RRID:Addgene_14874

Type: Plasmid

Proper Citation

RRID:Addgene_14874

Plasmid Information

URL: <http://www.addgene.org/14874>

Proper Citation: RRID:Addgene_14874

Insert Name: DAG binding domain

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16901905](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: YFP-tagged DAG binding domain (YFP-DBD) was first constructed by fusion of monomeric YFP to the 5'-end of the C1b domain of PKCbeta. This construct was improved for DAG binding by introducing the Y123W point mutation via QuikChange (Stratagene).

Plasmid Name: YFP-DBD

Relevant Mutation: Y123W

Record Creation Time: 20220422T221826+0000

Record Last Update: 20260815T080709+0000

Ratings and Alerts

No rating or validation information has been found for YFP-DBD.

No alerts have been found for YFP-DBD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Saheki Y, et al. (2016) Control of plasma membrane lipid homeostasis by the extended synaptotagmins. Nature cell biology, 18(5), 504.