

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

FLAG-MBP1-K295TAG-W340A-S233H-T237H-CAAX.pcDNA3-k

RRID:Addgene_127401

Type: Plasmid

Proper Citation

RRID:Addgene_127401

Plasmid Information

URL: <http://www.addgene.org/127401>

Proper Citation: RRID:Addgene_127401

Insert Name: Maltose Binding Protein

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29923827](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5370; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: W340A was introduced to reduce the affinity of MBP for endogenous ligands.

Plasmid Name: FLAG-MBP1-K295TAG-W340A-S233H-T237H-CAAX.pcDNA3-k

Relevant Mutation: Amino acid mutations: K295 to Amber codon, W340A, S233H and T237H.

Record Creation Time: 20220422T221708+0000

Record Last Update: 20260808T080712+0000

Ratings and Alerts

No rating or validation information has been found for FLAG-MBP1-K295TAG-W340A-S233H-T237H-CAAX.pcDNA3-k.

No alerts have been found for FLAG-MBP1-K295TAG-W340A-S233H-T237H-CAAX.pcDNA3-k.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.