

Resource Summary Report

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

FLAG-MBP1-E322TAG-K305H-E309H-W340A.pcDNA3-k

RRID:Addgene_127406

Type: Plasmid

Proper Citation

RRID:Addgene_127406

Plasmid Information

URL: <http://www.addgene.org/127406>

Proper Citation: RRID:Addgene_127406

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-E322TAG-K305H-E309H-W340A.pcDNA3-k

Relevant Mutation: Amino acid mutations: E322 to Amber codon, K305H, E309H and W340A

Record Creation Time: 20220422T221708+0000

Record Last Update: 20260725T073741+0000

Ratings and Alerts

No rating or validation information has been found for FLAG-MBP1-E322TAG-K305H-E309H-W340A.pcDNA3-k.

No alerts have been found for FLAG-MBP1-E322TAG-K305H-E309H-W340A.pcDNA3-k.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.