

# Resource Summary Report

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

## FLAG-MBP1-E322TAG-E309C-W340A-CAAX.pcDNA3-k

RRID:Addgene\_127409

Type: Plasmid

### Proper Citation

RRID:Addgene\_127409

### Plasmid Information

**URL:** <http://www.addgene.org/127409>

**Proper Citation:** RRID:Addgene\_127409

**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-E309C-W340A-CAAX.pcDNA3-k

**Relevant Mutation:** Amino acid mutations: E322 to Amber codon, E309C 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-E309C-W340A-CAAX.pcDNA3-k.

No alerts have been found for FLAG-MBP1-E322TAG-E309C-W340A-CAAX.pcDNA3-k.

### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.