Resource Summary Report

Generated by NIF on Jul 29, 2026

pSAR-MT

RRID:Addgene_16485
Type: Plasmid

Proper Citation

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Plasmid Information

URL: http://www.addgene.org/16485

Proper Citation: RRID:Addgene_16485

Bacterial Resistance: Ampicillin

Defining Citation: PMID:8755583

Vector Backbone Description: Backbone Size:0; Vector Backbone:pSAR-MT; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: The pSAR-MT inducible expression plasmid was constructed as follows. Two oligonucleotides (5'-GATCTCGAGCTCCCTGCA-3' and 5'-GGGAGCTCGA-3') were annealed, and the resulting fragment was cloned into the BamHI and PstI sites of the scaffold attachment region (SAR)-containing plasmid p8. The resulting plasmid, pJM7, consisted of two SAR sequences flanking a short polylinker containing restriction sites for XhoI and PstI. The mutant metallothionein (MT) promoter was amplified by PCR and cloned into pCEP4, linearized with BglII and NotI, yielding pCEP-MT. A SalI-BamHI fragment containing an intron from the globin gene was then inserted into the XhoI and BamHI sites of pCEP-MT, yielding pCEP-MTi. Finally, the MT promoter/intron/poly(A) region was removed from pCEP-MTi by digestion with SalI and cloned into the XhoI site of pJM7, yielding pSAR-MT.

Plasmid Name: pSAR-MT

Record Creation Time: 20220422T221931+0000

Record Last Update: 20260725T074159+0000

Ratings and Alerts

No rating or validation information has been found for pSAR-MT.

No alerts have been found for pSAR-MT.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.