

Resource Summary Report

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GST-ENLYFQC-PNT(46-138)-His6

RRID:Addgene_42919

Type: Plasmid

Proper Citation

RRID:Addgene_42919

Plasmid Information

URL: <http://www.addgene.org/42919>

Proper Citation: RRID:Addgene_42919

Insert Name: Ets-1 PNT domain (46-138)

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19681083](#)

Vector Backbone Description: Backbone Marker:Amersham; Backbone Size:4970; Vector Backbone:pGEX-4T-2; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: The gene fragment encoding residues 46-138 of Ets-1 (including the PNT domain) was amplified from an Ets-1 plasmid using primers to insert 5' EcoR1 and 3' Not1 restriction sites for incorporation into a pGEX-4T-2 vector. The primers also encoded an amino-terminal TEV protease cleavage site (ENLYFQ//C) and a carboxy-terminal hexahistidine tag. For this amplification the following PCR primers were used: 5'- GCC GGA ATT CGT GAA AAC CTG TAT TTT CAG TGC TCC CAA GCC TTG AAA GCT -3' 5'- GCC CCC TTT TGC GGC CGC CTA GTG ATG GTG ATG GTG ATG ACC TTT CAC ATC CTC TTT CTG -3' The PCR-amplified fragments were digested with Not1 and EcoR1 and ligated to Not1/EcoR1- digested and CIP-treated pGEX-4T-2. The protein coding sequence of the Ets-1 PNT domain is as follows: SQALK ATFSGFTKEQ QRLGIPKDPR QWTETHVRDW VMWAVNEFSL KGVDFQKFCM NGAALCALGK DCFLELAPDF VGDILWEHLE ILQKEDVK Alternate plasmid names: GST-TEV-PNT(46-138)-His6, GST-PNT, pGEX-PNT, GST-PNT-pGEX, GST-ENLYFQC-Ets-1(46-138)-His6, GST-TEV-Ets-1(46-138)-His6, GST-Ets-1(46-138), pGEX-Ets-1(46-138), GST-Ets-1(46-138)-pGEX

Plasmid Name: GST-ENLYFQC-PNT(46-138)-His6

Relevant Mutation: Contains the PNT domain (Serine 46 through Lysine 138)

Record Creation Time: 20220422T222221+0000

Record Last Update: 20260815T081458+0000

Ratings and Alerts

No rating or validation information has been found for GST-ENLYFQC-PNT(46-138)-His6.

No alerts have been found for GST-ENLYFQC-PNT(46-138)-His6.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.