

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

pET His6 Gamma crystallin TEV LIC cloning vector (2X-T)

RRID:Addgene_29714

Type: Plasmid

Proper Citation

RRID:Addgene_29714

Plasmid Information

URL: <http://www.addgene.org/29714>

Proper Citation: RRID:Addgene_29714

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:5338; Vector Backbone:pET; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid is an empty vector. Your gene can be inserted with a LIC cloning protocol. All 2-series vectors work as single-expression vectors, as well as transfer vectors for our polycistronic system. The LIC cloning site is flanked by 5 pairs of restriction sites, so that your gene can easily be subcloned into our polycistronic destination vectors (2D, 2E, or 2Z). 2X-T has a TEV-cleavable N-terminal His6-gamma crystallin fusion tag. Gamma crystallin can improve the expression and solubility of your target protein. To clone into this vector, add LIC v1 tags to the 5' end of your PCR primers. Forward - 5'TACTTCCAATCCAATGCA3' Reverse - 5'TTATCCACTTCCAATGTTATTA3' Linearize the plasmid with SspI and gel purify. When digesting the DNA with T4 polymerase, use dCTP for insert and dGTP for vector. More information on this vector can be found through <http://qb3.berkeley.edu/qb3/macrolab/>

Plasmid Name: pET His6 Gamma crystallin TEV LIC cloning vector (2X-T)

Record Creation Time: 20220422T222131+0000

Record Last Update: 20260725T074534+0000

Ratings and Alerts

No rating or validation information has been found for pET His6 Gamma crystallin TEV LIC cloning vector (2X-T).

No alerts have been found for pET His6 Gamma crystallin TEV LIC cloning vector (2X-T).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.