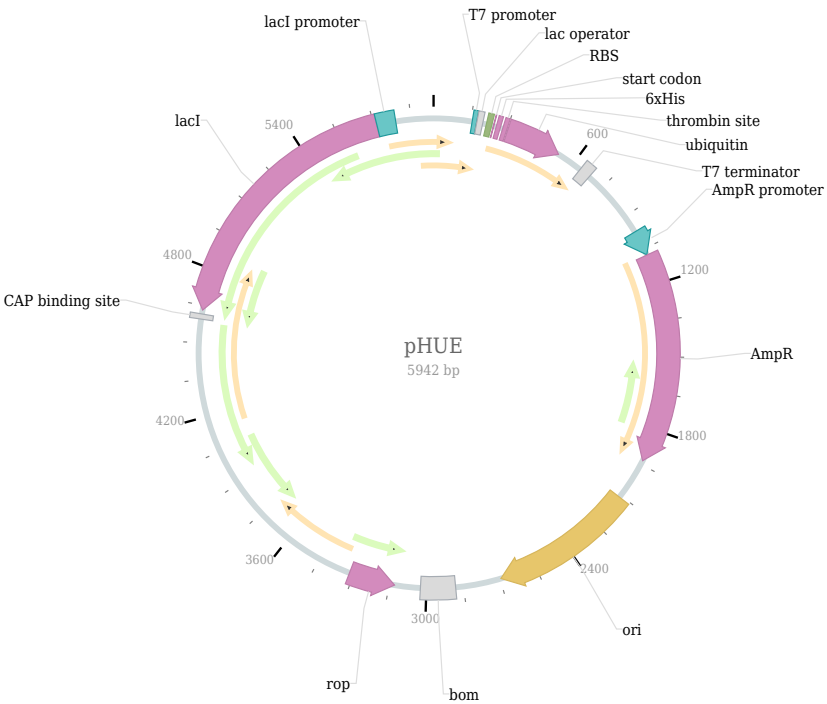
pHUE

Vector ID	V010154
Antibiotic Resistance	Ampicillin
Length	5942 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Catanzariti,A.M., Soboleva,T.A., Jans,D.A., Board,P.G. and Baker,R.T.
Copy Number	High copy number
Promoter	T7
Cloning Method	Enzyme Cut
5' Primer	T7 promoter
3' Primer	T7 terminator
Fusion Tag	UBA52
Growth Strain(s)	Stbl3
Expression Method	IPTG induced
Comment	pHUE is a T7-driven E. coli expression vector fusing N-terminal 6×His-ubiquitin to your protein. After IPTG induction and Ni-NTA purification, His-tagged Usp2-cc cleaves precisely after Ub Gly76 to yield authentic N-termini

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than 5000×g.
5. Store the plasmid at -20 ℃.