# pQE-30 UA

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| **Vector ID** | V010796 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 3504 bp |
| **Vector Type** | Qiagen Vectors |

## Product Information

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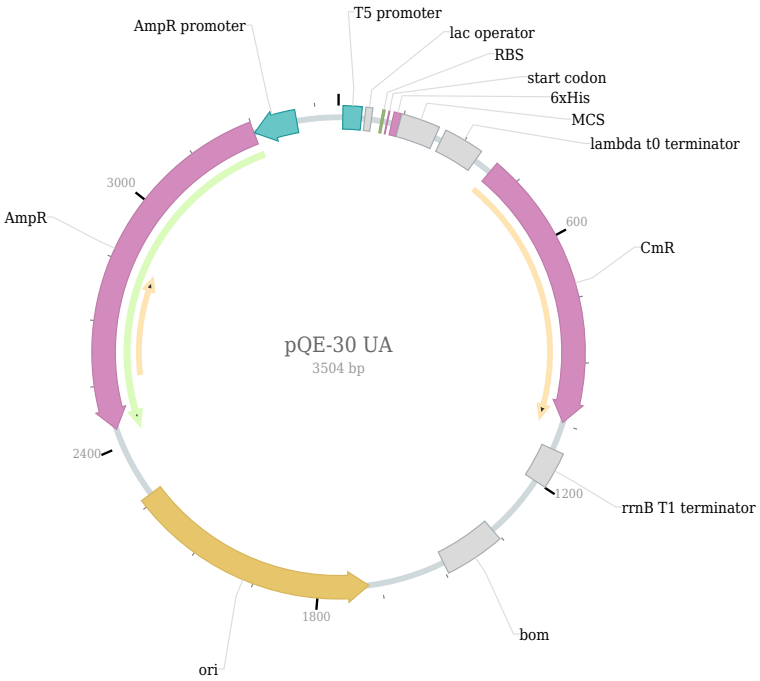
| **Replication Origin** | ori |
| **Source/Author** | Qiagen |
| **Copy Number** | High copy number |
| **Promoter** | T5 |
| **Growth Strain(s)** | Stbl3 |
| **Comment** | pQE-30 UA is a bacterial expression vector for producing N-terminal 6xHis-tagged proteins. It features a T5 promoter with lac operator for IPTG-inducible expression, an RBS (ribosome binding site), an MCS, and lambda t0 plus rrnB T1 terminators. Includes AmpR for selection, CmR, bom, and a pUC ori. |

## 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 ℃.