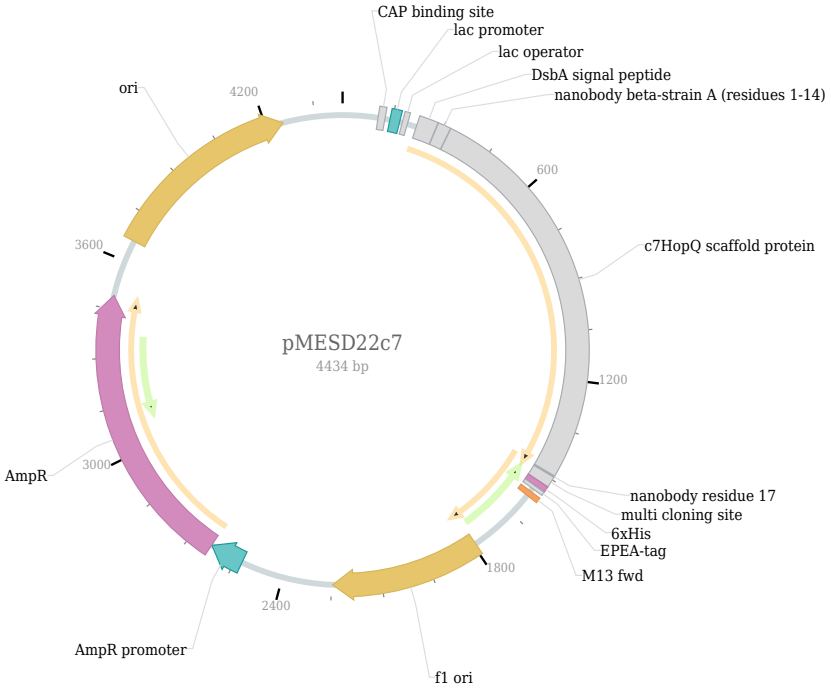
# pMESD22c7

| | |
|---|---|
| **Vector ID** | V015495 |
| **Antibiotic Resistance** | Ampicillin |
| **Length** | 4434 bp |
| **Vector Type** | Cloning vector |

## Product Information

| | |
|---|---|
| **Replication Origin** | ori |
| **Source/Author** | Uchanski T, Masiulis S, Fischer B, Kalichuk V |
| **Growth Strain(s)** | Top10 |
| **Growth Temperature** | 37℃ |
| **Comment** | The pMESD22c7 were constructed for subcloning nanobodies to express the megabodies Mbc7HopQ/Nb in the periplasm of E. coli. The includes the c7HopQ scaffold protein and nanobody beta-strain A (residues 1-14). |

## 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 ℃.