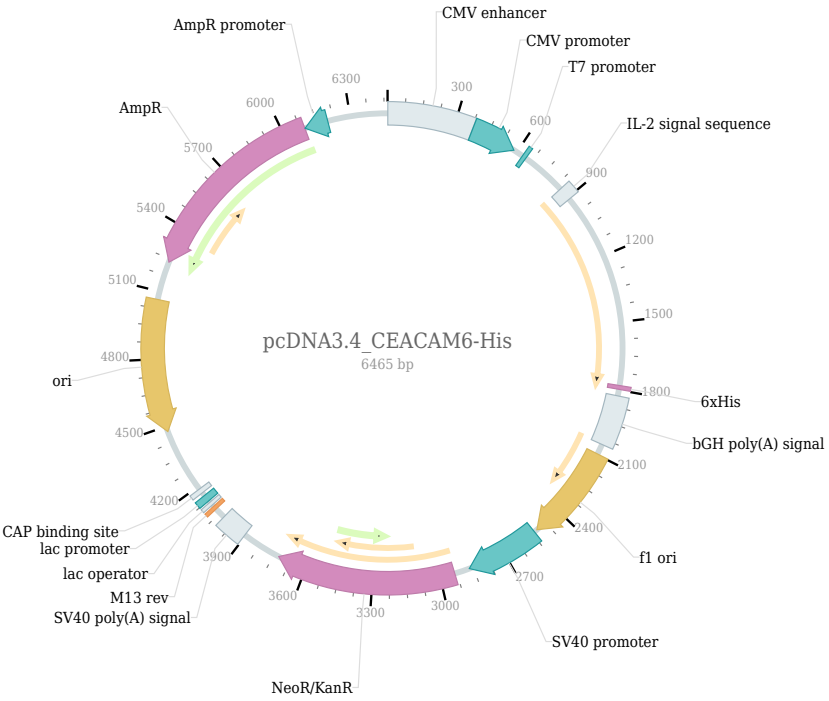
pcDNA3.4_CEACAM6-His

Vector ID	V047706
Antibiotic Resistance	Ampicillin
Length	6465 bp

Product Information

Replication Origin	ori
Promoter	CMV
5' Primer	TAAGTCTTGCACTTGTCACGAATTCGATATCGAAGCTCACTATTGAATCCACG
3' Primer	CTCAATGGTGATGGTGATGATGACCGGTTGCAGAGACTGTGATCATCGTG
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pcDNA3.4_CEACAM6-His uses CMV to express C-terminally His-tagged human CEACAM6 with an IL-2 signal peptide and a GPI-anchoring mutation, enabling eukaryotic expression and purification of soluble CEACAM6 for receptor/toxin-interaction studies.

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 ℃.