

PLV-EF1a-IRES-Puro-Siglecg(mouse)-APEX2

Name: PLV-EF1a-IRES-Puro-Siglecg(mouse)-APEX2

Vector ID: V034712

Antibiotic: Ampicillin

Vector Type: Protein expression

Promoter: EF1a

Replication origin: ori

Primer 1: EF1a-F3

Fusion Tag: APEX2

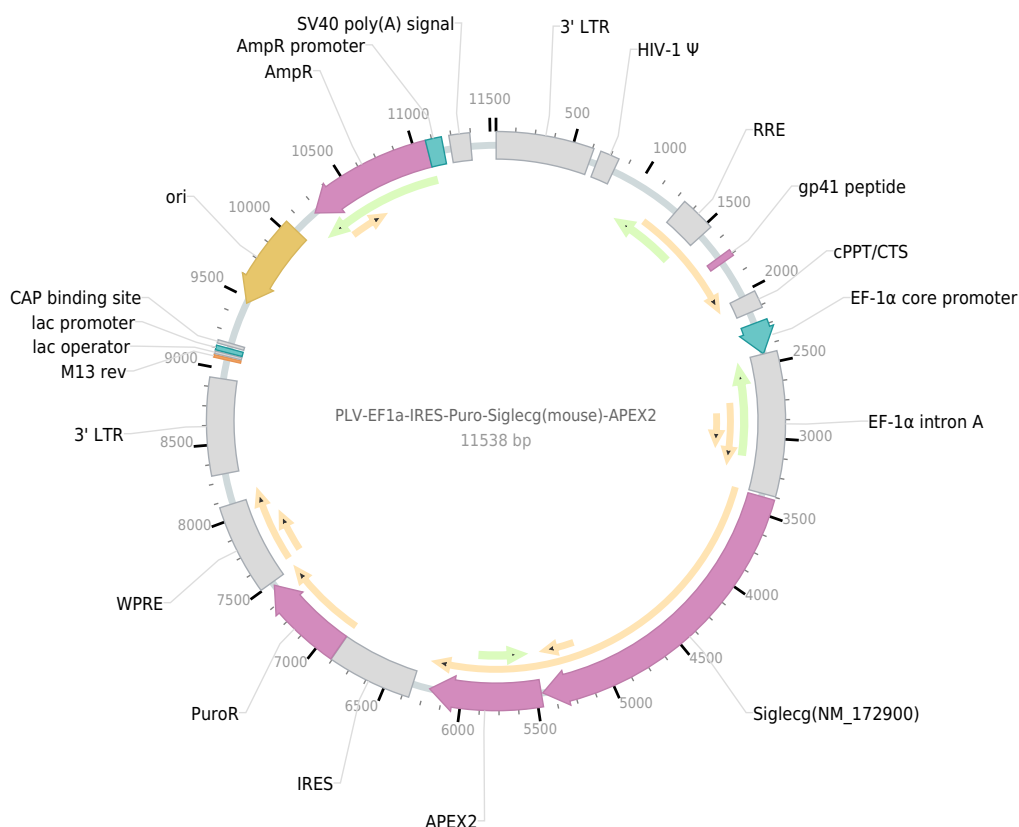
Expression method: Constitutive, Stable / Transient

Selection marker: Puro

Growth Temperature(°C): 37

Growth Strain(s): Stbl3

Comment: PLV-EF1a-IRES-Puro-Siglecg(mouse)-APEX2 is a lentiviral proximity labeling vector expressing mouse Siglecg-APEX2 fusion under EF1a promoter, with IRES-mediated puromycin selection for mammalian proteomics.



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 °C.