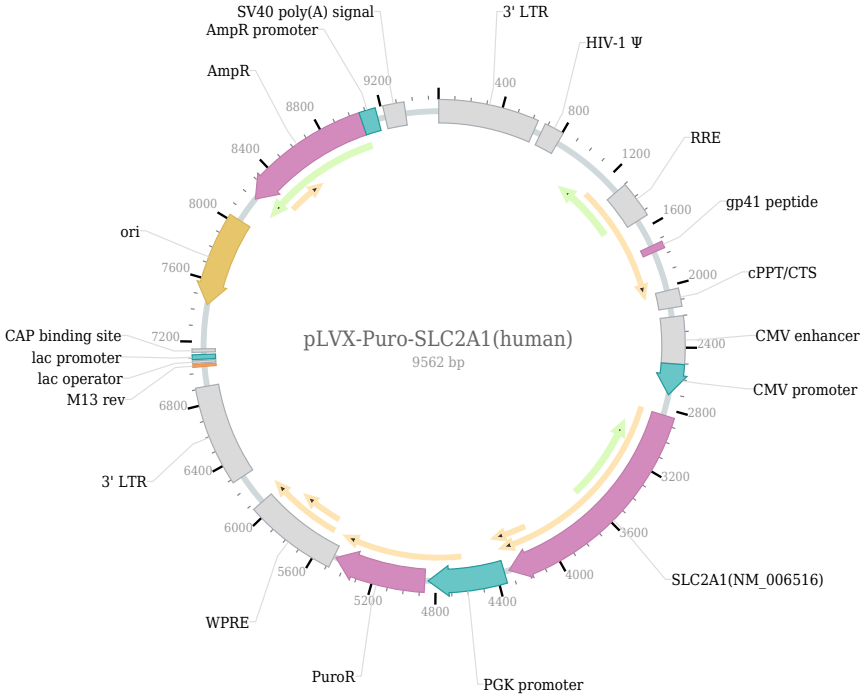
pLVX-Puro-SLC2A1(human)

Vector ID	V033206
Accession ID	NM_006516.4
Antibiotic Resistance	Ampicillin
Length	9562 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Expression Method	Constiutive, Stable / Transient
Comment	It is designed for constitutive expression of the human SLC2A1 gene, driven by the CMV promoter. The vector utilizes the PGK promoter to drive the PuroR selection marker and contains WPRE and LTRs. It also features an ori and AmpR for bacterial replication and selection.

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 ℃.