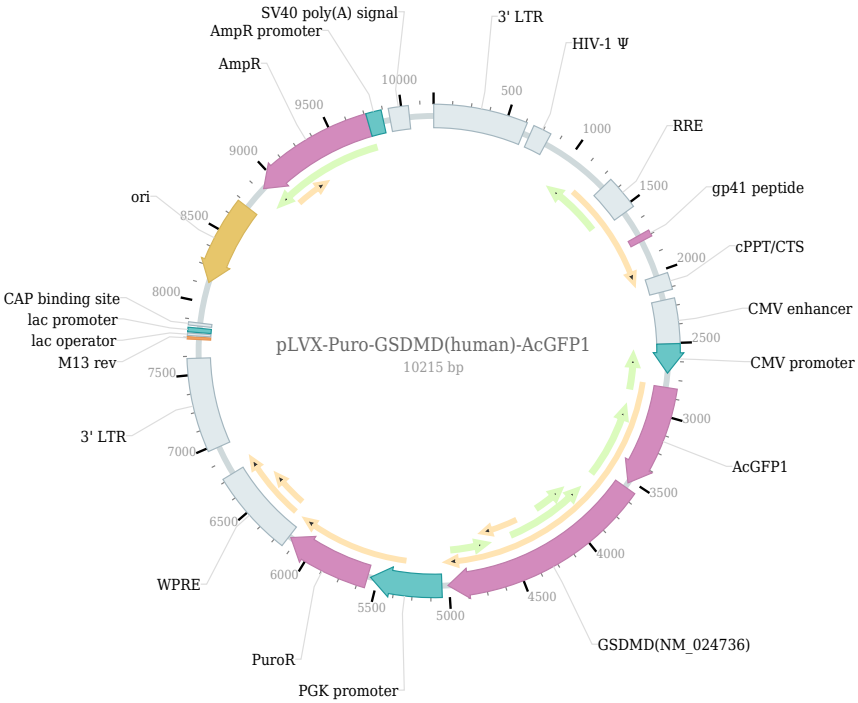
pLVX-Puro-GSDMD(human)-AcGFP1

Vector ID	V020943
Accession ID	NM_024736.7
Antibiotic Resistance	Ampicillin
Length	10215 bp
Vector Type	Protein expression
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro;AcGFP1
Promoter	CMV
Fusion Tag	AcGFP1
Expression Method	Constiutive, Stable / Transient
Comment	pLVX-Puro-GSDMD(human)-AcGFP1 is a Lenti-X lentiviral vector expressing human gasdermin D (GSDMD), the pore-forming executor of pyroptosis, fused to AcGFP1, with puromycin resistance for selection. Used to study pyroptotic cell death, inflammasome signaling and GSDMD membrane insertion; AmpR backbone, Stbl3 propagation.

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 ℃.