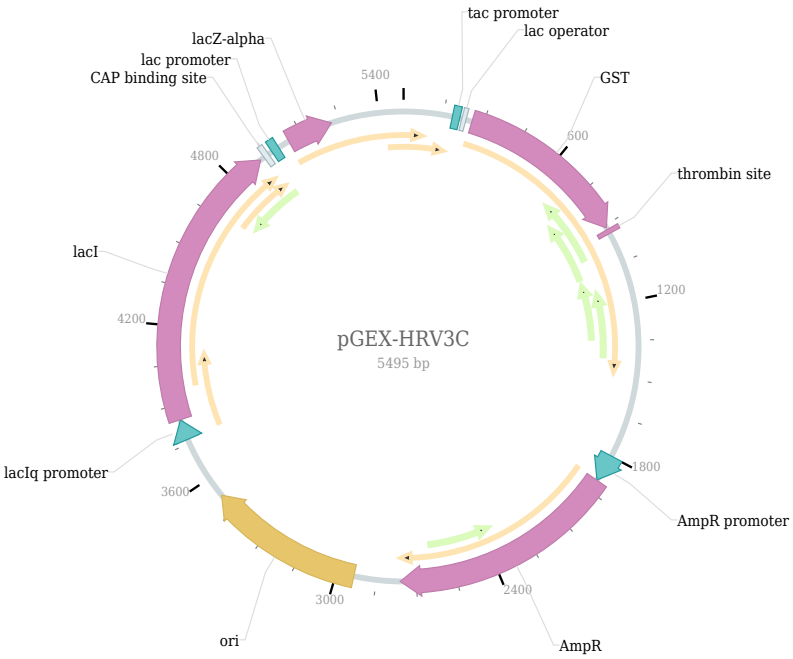
pGEX-HRV3C

Vector ID	V012896
Antibiotic Resistance	Ampicillin
Length	5495 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	ori
Promoter	Tac
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pGEX-HRV3C is an E. coli protease-expression vector for producing GST-tagged HRV 3C protease itself under the IPTG-inducible tac promoter (AmpR). The expressed GST-HRV3C is purified on Glutathione Sepharose and used in-house for site-specific cleavage (LEVLFQ/GP) of GST or other affinity tags from recombinant fusion proteins.

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 ℃.