

for research use only

| CERTIFICATE OF ANALYSIS   |                    |   |            |            |         |
|---|--------------------|---|------------|------------|---------|
| Vector Name   | pGEX-HRV3C         |   | 1          |            | 012896  |
| Project/Lot No.   | G0372130-1/B80004  |   | Strain     | Top10      |         |
| Quantity  | 200ug              |   | Resistance | Ampicillin |         |
| QC Results  |                    |   |            |            |         |
|   |                    |   |            |            |         |
| Test Items  |                    | Specifications  |            |            | Results |
| Appearance  | -                  | Clear, no visible particles   |            |            | Pass    |
| Concentration   | On request, defau  | On request, default   |            |            | Pass    |
| A260/280  | 1.8 - 2.0          | 1.8 - 2.0   |            |            | Pass    |
| A260/230  | >2.0               | >2.0  |            |            | Pass    |
| Supercoiled content   | No request         | No request  |            |            | N/A     |
| Residual RNA  | Not visible upon 6 | Not visible upon electrophoresis  |            |            | Pass    |
| Genomic DNA   | Not visible upon e | Not visible upon electrophoresis  |            |            | Pass    |
| Restriction Analysis  | Conforms to refer  | Conforms to reference   |            |            | Pass    |
| Bioburden assay   | No growth on aga   | No growth on agar plate after 24 hours  |            |            | N/A     |
| Endotoxin Test  | Verified, (Endo-Fr | Verified, (Endo-Free Preps Only)  |            |            | N/A     |
| Label   | Correct and white  | Correct and white   |            |            | Pass    |
| Sequencing  | Correct            | Correct   |            |            | Pass    |
| Comments  |                    | -   |            |            | -       |
| Restriction Digestion Map                                       |                    |   |            |            |         |
| 1 2 M   |                    |   |            |            |         |
| — 12000<br>— 8000<br>— 6000<br>— 5000<br>— 4000                 |                    | Lane 1: Plasmid DNA  Lane 2: Plasmid digested by EcoRV-EcoRI (2338/3157 bp in theory) |            |            |         |
| — 2500<br>— 2000<br>— 1500<br>— 1000<br>— 750<br>— 500<br>— 250 |                    | Lane M: DNA Marker  |            |            |         |

Certified by: Chou Fang Date: Jul/07/2025 Valid until: Jul/07/2028

