# CERTIFICATE OF ANALYSIS

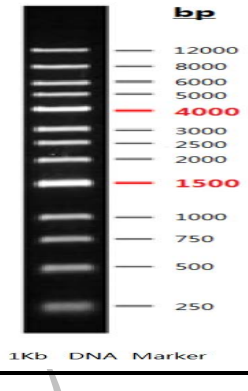
| | | | |
|---|---|---|---|
| **Gene Name** | pTOR(Cat.#V002568) | **Order No.** | G0220814-1 |
| **Lot No.** | Y15968 | **Vector Resistance** | Amp |

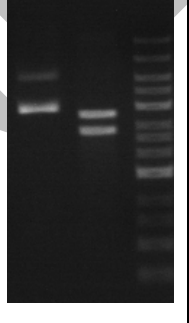
## QC Results

| Test Items | Specifications | Results |
|---|---|---|
| **Insert Sequence** | Insert sequence results consistent with target | Pass |
| **Vector Sequence** | Flanking sequence consistent with expected | Pass |
| **ORF Across Junction** | Correct and consistent with target | N/A |
| **Restriction Digest** | Expected fragment sizes observed | Pass |
| **PCR Amplification** | Correct without non - specific bands | Pass |
| **DNA Quantity/Quality** | Actual yield (by A 260 ) | 5μg/5μg |
| | Concentration (n/a if lyophilized) | N/A |
| | Purity (A 260/A280 = 1.8 - 2.0) | Pass |
| | # of Tubes | 2 |
| | Matrix | TE (lyophilized) |
| **Endotoxin Test** | Verified, <0.1 EU/μg (Endo-Free Preps Only) | N/A |
| **Appearance** | Clear, no visible particles | Pass |
| **Label** | Correct and white | Pass |
| **Comments** | - | - |

## Restriction Digestion Map

| | 1 | 2 | M | |
|---|---|---|---|---|



**Lane 1**：Plasmid

**Lane 2**: Plasmid Digested with KpnI-SacI

**Lane M**: DNA Marker

**Certified by: Chou Fang**

**Date: Oct/25/2023**

**Valid until: Oct/25/2026**

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