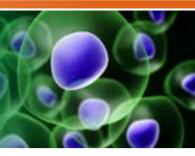
Stable Cell Line Development Service

Inducible Options Available!



Generating custom cell lines is a tedious and complex process. By harnessing our cuttingedge technology and rigorous quality control measures, we ensure the development of stable cell lines that exhibit consistent gene expression patterns and preserve vital phenotypic characteristics.

What we offer:

- ✓ Overexpression
 - Inducible
 - Constitutive
- ✓ Knockdown (shRNA)
 - Inducible
 - Constitutive
- ✓ Knock-in
- ✓ Knockout

Inducible Stable Cell Lines

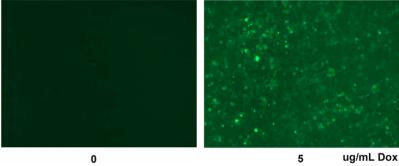


Figure 1. Induced GFP expression in a HEK293T stable cell line transfected with an inducible PS100133-GPR37 expression vector.

Cell Line Development Workflow

Vector Selection

- ✓ Subcloning
- ✓ Gene Synthesis
- ✓ Sequencing/Expression Validation (TrueORF Gold)
- ✓ Inducible vs Standard

Cell Line Development

GFP

- ✓ Cell line diversity
- ✓ Viral/non-viral techniques

Cell Line Quality Control

- ✓ Western Blot
- Mycoplasma Detection
- ✓ Custom

Delivery

- ✓ Constitutive: 2-3 months
- ✓ Inducible: 3-4 months

Service Highlights

- > Fast turn around times: 2-3 months
- Choose from OriGene's extensive plasmid collection or provide your own
- Rigorous and customizable QC validation process
- Professional, global technical support