

Gibco® CHO Freedom® Cell Line Development Kits

Helping to enable technologies in cell line platform development

**Complete system to generate CHO stable cell lines
from transfection to single cell clone, with unprecedented IP access**

- **Short development time line**
< 5 months from transfection to clone
- **High IgG Titers**
2-3 g/L in fed-batch bioreactors
- **Regulatory-friendly**
cGMP banked AOF CHO-S™ and DG44 host cell lines
- **No annual fees, royalties, milestone payments**
One time commercial use license covering multiple molecules
- **Access to expert consultation and service support from PD-Direct**
- **Developed in collaboration with ProBioGen™**

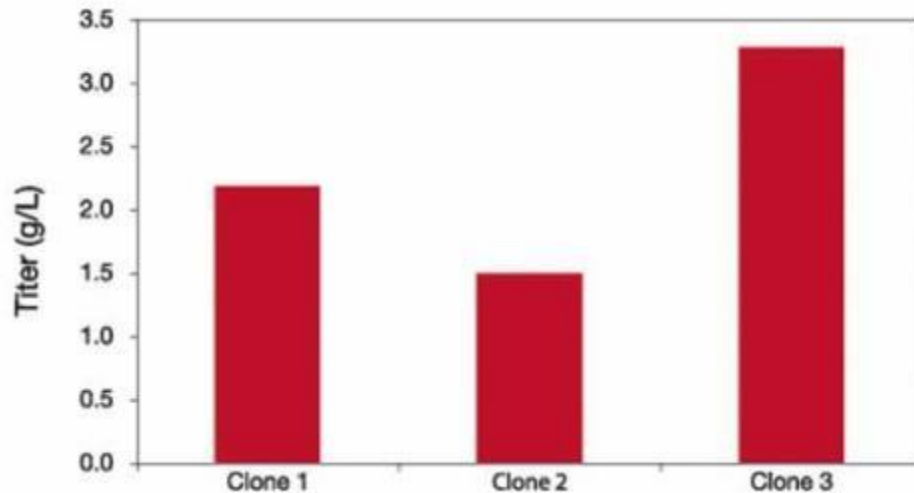


Features	Benefits	Products and Services
<ul style="list-style-type: none">• Regulatory-friendly cGMP CHO cell lines with AOF workflow in a kit• Single vector for cloning and transfection agents• Single stream AOF medium from cell line to process development• Produces clones with industry-standard titers	<ul style="list-style-type: none">• Industry standard titers, speed• Helps enable faster time to market, with scalable clones in <5 months• Access to expert consultation and service support from PD-Direct	<ul style="list-style-type: none">• Freedom® CHO-S™ Kit• Freedom® DG44 Kit• CD FortiCHO™ Medium• FoamAway™ Irradiated AOF Reagent• PD-Direct Cell Line Development Services• Gibco® Media Express™ Services

Rapid Cell Line Development and High Titers

Gibco® Freedom® Cell Line Development Kits

Achieve Industry-standard
IgG Titers



Transfection to lead clone
in under 5 months

