

Stable Cell Line Generation

Custom Services

- Generation of a stable cell line expressing your protein of interest
- Verification of expression by Western blotting
- Complete flexibility: wide choice of different tags
- Save time & money: 6 weeks turnaround time at an unbeatable price
- No risks: money back guarantee

Profit from our state-of-the-art integration technology

- Single copy integration at a defined site
- Physiological expression level
- Longterm expression

Cell line generation process

PART I

- Construction of integration vector containing your gene of interest
- Transfection into appropriate cell line

Different tags are available, tags can be placed either at the N- or C-terminus.

No stable lines after two transfection attempts: only fee for Part I is due.

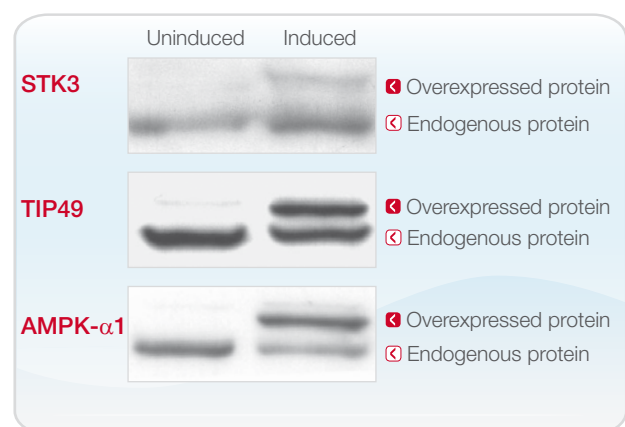
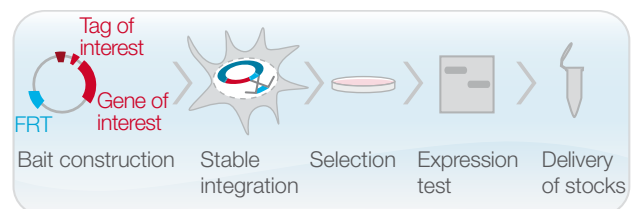
PART II

- Selection of stable clones
- Expansion
- Expression test by Western blotting

No expression of transgene detectable: only 50% of fee for Part II is due.

Deliverables

- Isogenic cell pools expressing the protein of interest (5 vials of frozen stocks, at least 5 million cells per vial)
- Western blot demonstrating protein expression
- Cell cultivation protocol



Comparison of protein expression levels of overexpressed proteins with endogenous protein levels. HEK293 cell lines expressing tagged proteins were analysed by immunoblotting either prior to (uninduced) or after induction of bait protein expression (induced) using antibodies against the indicated proteins.

Available cell lines

- HEK293 - Human embryonic kidney cells
- INS-1 - Beta pancreatic islet cells
- CHO - Chinese hamster ovary
- 3T3 - Primary mouse embryonic fibroblast cells cultured by the '3T3 protocol'

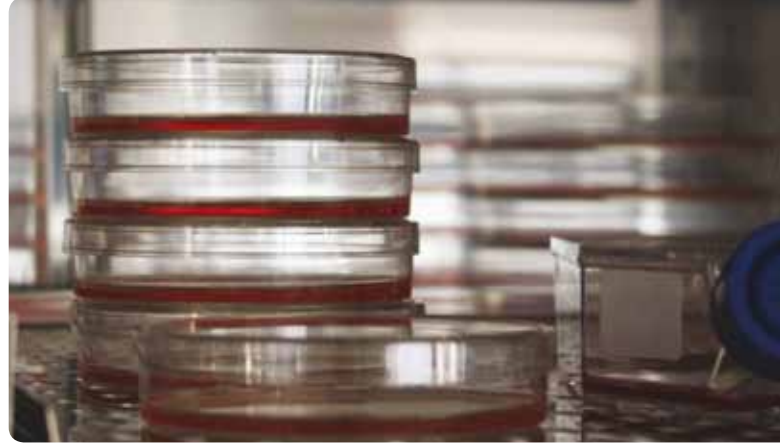
Please inquire for additional cell lines!

Ordering information

S07080 | Stable cell line generation Part I

S07081 | Stable cell line generation Part II

Please inquire for prices!



Interested?

Phone +41 44 738 50 00 | info@dualsystems.com

Related custom services

Protein interaction discovery services

Discover and characterize novel protein-protein interactions:

- DUALhybrid services: screen **soluble cytosolic proteins**
- DUALmembrane services: screen **integral membrane proteins**
- DUALhunter services: screen **nuclear and self-activating proteins**

Order number

S010 | DUALhybrid service

S021 | DUALmembrane service

S051 | DUALhunter service

cDNA library construction services - High complexity cDNA library construction

- High representation of 5' ends
- Guaranteed coverage of tissue complexity
- High average insert sizes
- Constructed in a vector of your choice
- Normalization of cDNA available!

Order number

S03 | Custom cDNA library construction

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