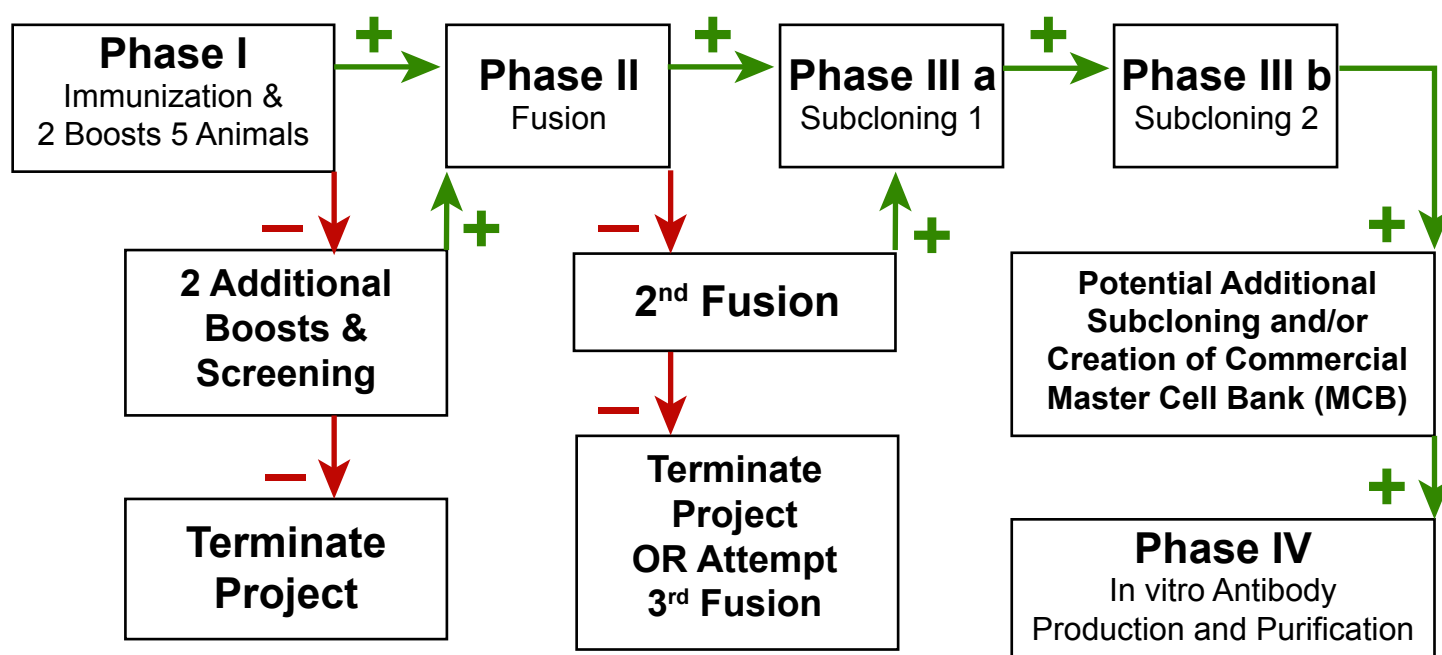


Custom Biotechnology Services

A Bridge from Molecule to Medicine

Monoclonal Antibody Development in Mice or Hamsters

Leinco Technologies scientific staff has extensive monoclonal antibody development experience and offers clients the opportunity to collaborate on the development of antibodies against soluble proteins, cell surface molecules, or haptens for use in detection, neutralization or depletion.



Assay Services

- Sample Analysis
- ELISA Optimization / Validation / Standardization
- ELISA Assay Development (Including Chemiluminescent)
- Multiple Assay Platform Transition (Including Lateral Flow)
- ELISA Kit Manufacturing

***In vitro* mAb and Protein Production**

Your Partner in mAb Production

- Affordable small & large mAb/protein production
- 60 day rapid turn around time
- Purification process will maximize yield & purity of antibodies
- Free cell banking storage with production service

Bioreactor Scale	Bioreactor	Estimated Production	Timeline (from thaw to delivery)
50 Liters	Stirred Tank	± 100 g	10-12+ weeks
14 Liters	Stirred Tank	± 50 g	6-10 weeks
7.5 Liters	Stirred Tank	± 25 g	6-10 weeks
2 Sq. Meters	Hollow Fiber	± 5 g	6-8 weeks
4-6 Liters	Roller Bottles	25 – 250 mg	3-5 weeks
1-3 Liters	Shake Flask	1 – 100 mg	2-4 weeks

Rapid Transient Expression

Our novel patent mammalian transient expression system has been developed for the purpose of expedited expression of recombinant proteins and monoclonal antibodies for use in early discovery research, preclinical trials or in vitro diagnostic procedures. This patented transient expression system was developed to transfect mammalian cells such as Chinese hamster ovary (CHO) or HEK-293 cells with high efficiency during suspension cell culture in stirred tank bioreactors.

- Site directed mutagenesis to create variant candidates for characterization of potential therapeutics proteins
- Mammalian transient expression
- Purification
- Bio-analytical testing resulting in low endotoxin functional formulations for use in preclinical trials.

Custom Conjugations

Protein chemists at Leinco Technologies employ linkage and post conjugation purification techniques that result in conjugates that have increased signal to background ratios for product applications.

Available Reporter Molecule for Conjugation:

- FITC
- Alkaline Phosphate
- Dylight's
- Oligonucleotides
- R-PE
- APC
- Colloidal Gold
- And more
- PerCP
- Biotin
- HRP