

# Vista Biologicals Corporation

## Confidential Questionnaire

### Production and Purification of Recombinant Products from Insect Cells

#### *CUSTOMER INFORMATION*

Principal Contact: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Email: \_\_\_\_\_

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

#### *SCOPE OF WORK [SUMMARY]*

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_

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### *CELL LINE INFORMATION*

Description of cell line and viral construct [Sf9, etc.]

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Media used for cell growth and production [basal medium and supplements added . . .]

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Characterization of Cell Growth

Culture systems used:

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Approximate doubling time: \_\_\_\_\_

Typical range of cell density: \_\_\_\_\_

Density at Infection: \_\_\_\_\_

MOI used: \_\_\_\_\_

Time of harvest post infection: \_\_\_\_\_

Typical productivity: \_\_\_\_\_

Are protease inhibitors added to harvested media?: \_\_\_\_\_

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Has a master cell bank [and virus stock] been established?: \_\_\_\_\_

### *PROTEIN PURIFICATION DETAILS*

Protein details:

mwt: \_\_\_\_\_

pK<sub>i</sub>: \_\_\_\_\_

glycosylated? \_\_\_\_\_

Current purification procedure (if available)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is the desired final formulation buffer?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

What is known about the stability of the product [temp, pH, etc. . .]?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### *ASSAY DETAILS*

Has an ELISA assay that measures functional activity been developed?

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\_\_\_\_\_  
\_\_\_\_\_

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Is there a need for an in-vitro based functional assay and has it been developed?

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What assays have been developed?

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What assays need to be developed?

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What assays will need to be performed by Vista?

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### ***OTHER ISSUES***

Are there any hazards associated with this product or cell line?

Is the material to be produced at Vista to be used in clinical or preclinical studies?