# Downstream BioProcessing Questionnaire

Please answer the following questions as completely as possible.

## I. Customer Information

CONTACT PERSON

COMPANY NAME

DESIGNATION

CONTACT NUMBER

DEPARTMENT

EMAIL ADDRESS

## II. Experimental Details

### a. General Details

| | |
|---|---|
| 1. The target molecule to be purified | |
| 2. Size or $M_r$ of target molecule | |
| 3. NaCl/pH/T ranges within which the target molecule is stable | ☐ NaCl: ☐ T: ☐ pH: |
| 4. Is the standard (purified target molecule) available? | ☐ Yes ☐ No |
| 5. Typical concentration of the target molecule (titer in the case of virus) in the sample that will be provided for the method/ process development | |

**6. Main impurities in the sample (Specify concentrations of each)**

- ☐ DNA
- ☐ Lipids
- ☐ Proteins
- ☐ Endotoxin
- ☐

**7. Sample volume/total virus titer is available for the method development**

**8. Current detection/ quantification method for the target molecule**

- ☐ DNA/protein assays
- ☐ ELISA
- ☐ SDS PAGE
- ☐ Western blot
- ☐ qPCR
- ☐ Cell-based assays
- ☐ Others

**9. Desired concentration of the target molecule in the final product**

Concentration:

Unit of measurement:

- ☐ mg/mL
- ☐ infection VP/mL
- ☐ total VP/mL
- ☐ Others

**10. Purity requirements of the final product (Host cell protein/DNA concentration, endotoxin content…)**

**11. Final formulation buffer**

**12. Other requirements regarding the method/ process to be developed**

**13. Please describe upstream and downstream process detail or block scheme**

## II. Experimental Details

### b. Virus Products (Skip if not applicable)

| | |
|---|---|
| **14. Virus condition needed** | ☐ Live ☐ Killed ☐ Attenuated |
| **15. Virus Type** | ☐ Wild type strain ☐ GMO |
| **16. For GMO virus, please provide the detailed data/ document descriabing preparation of the GMO. (e.g., constructs, vectors, expression system used…)** | |
| **17. What is the biosafety level of this virus? If safety assessment study is available, please provide the documentation.** | |

***Important:*** *Save the completed PDF form (use menu File - Save).*