**Protein Expression Service Form**

**I Customer Information**

v. 231226

|  |  |
| --- | --- |
| Company/ Institute |  |
| Case no. |  | Customer no. |  |
| Contact |  | E-mail |  |
| Tel |  | Fax |  |
| Address |  |

**II Protein Information**

|  |  |
| --- | --- |
| Protein Name |  |
| Uniprot ID |  |
| Species |  |
| Molecular Weight |  |
| Protein sequence |  |
| Subcellular Location | ☐ Nucleus ☐ Membrane ☐ Secreted ☐ Other ☐ Cytosol |
| Protein property | ☐ Enzyme ☐ Protease ☐ Toxic ☐ Insoluble☐ Prone to aggregation ☐ Prone to degradation ☐ Others |
| Intended Use | ☐ Activity study ☐ Structural research ☐ Antigen☐ Drug screening ☐ Cell-based experiment☐ In vitro experiment ☐ In vivo experiment ☐ Others |

**III Expression and Purification Requirement**

|  |  |
| --- | --- |
| Gene Information | ☐ Gene synthesis (codon-optimized) ☐ Gene synthesis☐ The customer provides the expression plasmid ☐ Others |
| Expression system | ☐ E. coli ☐ 293T cell ☐ CHO cell ☐ Others |
| Tag | ☐ His ☐ GST ☐ SUMO ☐ Trx ☐ Others☐ N-terminus ☐ C-terminus |
| Tag removal | ☐ Yes ☐ No |
| Protein requirement | ☐ Amount (mg): ☐ Concentration:☐ Purity (%):  |
| Special require | ☐ Endotoxin level test (EU/μg) ☐ Other |
| Final formulation | ☐ PBS (pH7.4)☐ Other |
| Others |  |

**IV Others**

|  |  |
| --- | --- |
| Is the protein an inclusion body in the E.coli system? | ☐ Yes☐ No |
| Refresh Ratio/temperature |  |
| Induction initial OD |  |
| IPTG concentration |  |
| Induction temperature/time |  |
| Purification | ☐ Column: ☐ Buffer: ☐ Denature agent and protocol:☐ Denature agent and protocol:☐ Imidazole concentration in the wash/elute buffer: ☐ Other problems (degraded product?):  |
| Dialysis | ☐ Buffer base/addictive agent PBS☐ Other problems |
| Others |  |

If you have experience in expressing your target protein, please provide the following information and also share SDS-PAGE data:

|  |  |  |
| --- | --- | --- |
| **Customer** |  |  |
|  |  |  |
| **Sales dept.** | **Product dept.** | **Technical dept.** |
|  |  |  |
|  |  |  |