**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.** |
|  |  |  |
|  |  |  |