**Protein Expression & Purification Requirements Form**

***Please submit completed form to*** [**GeneArtPMO@Thermofisher.com**](mailto:GeneArtPMO@Thermofisher.com)

**Required fields for quote generation**

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| **Section 1: General Information** | |
| **Organization:**  **Address:**  **Client Name:**  **Email:** |  |

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| **Section 2: Expression Plasmid Construction** | | |
| **Starting Material:** | Start with Gene Synthesis (recommended to optimize expression) | |
| Expression plasmid available at Thermo Fisher  Expression plasmid provided by Client | |
| *Note****:*** *If starting material will be provided by Client, please provide full sequence of expression construct.* | |
|  | |
| **Preferred Affinity Tag/:** | 6x His  10x His  Strep  No preference, please suggest  Other | |
| **Secretion Leader:** | Please add artificial leader | No preference, please suggest |
| **Comments:** |  | |

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| **Section 3: Protein Sequence (Target & Target Properties)** | |
| **Protein Name:** |  |
| **Accession # or Protein Sequence:** |  |
| **Comments**  **(e.g. multimer/complex formation, …):** |  |

|  |  |  |  |  |  |
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| **Section 4: Service Requirements** | | | | | |
| **Service(s) Desired:** | Expression only | Expression and Purification\* | | |  |
|  | *\*Please note: Purification Services are restricted to non-membrane bound, non-nuclear proteins >10 kDa* | | | | |
| **Expression System Desired:** | Baculovirus, Sf9 (Bac-to-Bac®) | Expi™293 | | Expi™CHO | No preference, please suggest |
|  | |  | | |
| **Scale:** | Pilot Scale (1L for Expi™293 or Sf9; 200mL for Expi™CHO) | | | | Other: |
| **Desired Purity:** |  | | | | |
| **Desired Yield:** |  | | | | |
| **Desired Concentration:** |  | | | | |
| **Desired Endotoxin Limit:** |  | | | | |
| **Storage Buffer Composition:** | No preference, please apply standard (PBS) | | | | Other: |
| **Aliquot Size:** | No preference, please apply standard (2 mL aliquots) | | | | Other: |
| **Storage Temperature:** | No preference, please apply standard (dry ice) | | | | Other: |
| **Comments:** |  | | | | |