**Customized *In Vitro* mRNA Synthesis Service Form**

**I Customer Information**

|  |  |
| --- | --- |
| Company/ Institute | v. 240603 |
| Case no. |  | Customer no. |  |
| Contact |  | E-mail |  |
| Tel |  | Fax |  |
| Address |  |

**II Template Information**

|  |  |
| --- | --- |
| Gene Name |  |
| UniProt ID |  |
| Species |  |
| Template Source | [ ]  Gene synthesis by Croyez [ ]  Customer-provided***\*Please enclose the DNA map(.dna) in the inquiry email.***  |
| Codon Optimization | [ ]  Yes [ ]  No |
| Template Length | \_\_\_\_\_\_\_\_\_\_\_\_\_ bp |

**III mRNA Synthesis Information**

|  |
| --- |
| **mRNA Sequence** |
| ORF Source | [ ]  Gene synthesis by Croyez [ ]  Subcloning from customer-provided plasmid* Vector name: \_\_\_\_\_\_\_\_\_\_\_\_\_
* Cloning Site: \_\_\_\_\_\_\_\_\_\_\_\_\_
 |
| RNA ORF Length  | \_\_\_\_\_\_\_\_\_\_\_\_\_ base |
| Does it contain 5’UTR? | [ ]  Yes[ ]  No,[ ]  Croyez designed [ ]  Customer designed |
| Does it contain 3’UTR? | [ ]  Yes[ ]  No,[ ]  Croyez designed [ ]  Customer designed |
| **mRNA Synthesis & Purification** |
| 5’ Cap Form | [ ]  No Cap [ ]  Cap 1 |
| Poly A Tail | [ ]  No [ ]  Yes, on template - minimum \_\_\_\_ A |
| Base Modifications | [ ]  Unmodified [ ]  Pseudo UTP [ ]  N1-Me-pUTP |
| Purification | [ ]  LiCl Purification [ ]  FPLC Purification |
| Desired Buffer | [ ]  1 mM sodium citrate (pH 6.4) [ ]  Others, \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Demand Quantity | [ ]  100 ug [ ]  1 mg [ ]  Others, \_\_\_\_\_\_\_\_\_\_\_\_\_ |
| mRNA Length | \_\_\_\_\_\_\_\_\_\_\_\_\_ base***\*If you need assistance from Croyez for the template design, please leave the column blank.*** |
| Quality Control | ***Standard items**** mRNA conc.
* OD260/230
* OD260/280

***Optional items (Please check the boxes if you required.)***[ ]  RNA purity by capillary electrophoresis[ ]  Total protein residue[ ]  dsRNA[ ]  HCD detection[ ]  HCP detection[ ]  Endotoxin[ ]  Bioburden assay[ ]  mRNA translation test |
| mRNA Applications | [ ]  In vitro experiment [ ]  In vivo experiment[ ]  Cell-based experiment [ ]  Others, \_\_\_\_\_\_\_\_\_\_\_\_\_ |

***Please kindly provide the DNA Template Sequence/ RNA ORF Sequence.***

**DNA Template Sequence**

*Please find the sequence below or please refer to the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_(.dna) in the inquiry email*

**RNA ORF Sequence**

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