**Epitope Mapping Service Quotation Request Form**

***Instructions***

|  |
| --- |
| **1. Please complete and email this form to Northern America:** **cdmo.us@genscript.com****; Asia Pacific:** **cdmo.apac@genscript.com****; Europe:** **cdmo.eu@genscript.com****.****2. Our service representative will contact you with the quote** |

***Customer Information***

|  |
| --- |
| **Name:**  |
| **Institution:**  |
| **Shipping address** *(needed to determine shipping cost)***:** |
| **Phone:**  |
| **Email:**  |

***Service Specification Information***

|  |
| --- |
| **Do you know the epitope type of the sample?** [ ]  Yes [ ]  No |
| **What is the epitope type of the sample?**  [ ]  Linear epitope [ ]  Conformational epitope  |
| **Which method(s) was used to define the epitope type?** |
| **Desired assays:**[ ]  **Linear epitope mapping** [ ]  **Conformational epitope mapping**  |
| **Overlapping Peptide Library** **Peptide Length:**       **Overlap:**       **N-terminus:** [ ]  Biotinylated (recommend) [ ]  Acetyl [ ]  Free amine [ ]  Other      **Cys-Ser-Exchange:** [ ]  Yes (recommend) [ ]  No |
| **Detection** **Control incubation detection:** [ ]  Yes (recommend) [ ]  No |

***Antigen and Antibody Description***

|  |
| --- |
| **Antigen** **Description** **Antigen length:****Amino acids sequence:**  **Any glycosylation in the protein?** [ ]  Yes [ ]  No **If Yes, does the glycosylation contribution to the specificity?** [ ]  Yes [ ]  No |
| **Antibody Description** **Species:** [ ]  *Homo sapiens* [ ]  *Mus musculus* [ ]  *Rattus norvegicus* [ ]  Others       **Association constant (Ka):**  **Dissociation constant (Kd):**  |
| **Please submit the antibody samples and antigen according to the requirements suggested below.**

|  |  |  |
| --- | --- | --- |
| **Samples** | **Quantity** | **Storage &Shipping Requirements** |
| Antibody | 100 µg/detection | Powder at 2-8℃ or dissolved in PBS, pH 8.0-8.5,shipping at -20℃ at least |
| Antigen | 10 ug | Dissolved in PBS, pH 8.0-8.5,shipping at -20℃ at least |

 |
| **Approx amount of antibody sample:** µg |

***Additional Services for Epitope Optimization***

|  |
| --- |
| **[ ]  Truncation library -- Determine the minimum length required for epitope activity****[ ]  Alanine scanning -- Identify specific residues responsible for the epitope’s function****[ ]  Substitutional analysis -- Functional characterization of epitopes****[ ]  Other**  |

***Project Information***

|  |
| --- |
| **Is this project for grant application purpose?** [ ]  Yes [ ]  No |
| **When will the project start?** [ ]  Immediately [ ]  Within one month [ ]  Within 3 months [ ]  Half a year later |