

Custom Antibody Project Plan

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|--------------------------|--------------------------------|
| Customer Name: | Principal Investigator: |
| Institution: | |
| Shipping Address: | |
| Tel Number: | E-mail: |

1. Service Summary

| Project ID | Target Protein | Protein ID | Species | Package Code | Package Description |
|------------|----------------|------------|---------|--------------|---------------------|
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2. Deliverables List

| Type | Form and Amount | Deadline |
|-------------|--|--------------------------------------|
| Peptide | 1 mg unconjugated peptide each | 1 week after receiving final payment |
| Antibody | ≥20 mg purified antibody – All antibody produced | 1 week after receiving final payment |
| Date report | Ultimate data report | Prior to final payment |

3. Validation Criteria

| Type | Validation System | Materials | Criteria |
|--------------------------|-------------------|------------------------------------|--|
| Life Research Standard 1 | ELISA | Immunogen enveloped on ELISA plate | ELISA titer against immunogen greater than 1: 50,000 |
| Life Research Standard 2 | Dot blot | Peptide | Dot blot positive against the peptide |

4. Antigen Design

| Project ID | Serial No. | Length/aa | Start Position | End Position | Sequence |
|------------|------------|-----------|----------------|--------------|----------|
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5. Required Materials and Information

None

6. Project Milestones

| Milestone | | Description | Expected Timeframe |
|------------------------|-------------------------|---|----------------------------|
| 1. Project Preparation | | Customer provides information for Life Research to design antigen | |
| 2. Antigen Preparation | | Peptide synthesis and conjugating | 3 rd week |
| 3. Antibody Production | 3.1 Immunization | Immunize 2 New Zealand Rabbits | 12 th week |
| | 3.2 Antibody Production | Serum antigen affinity purification; Antibody freeze drying | |
| 4. Antibody Validation | | ELISA & Dot blot Detection | 13 th week |
| 5. Final shipping | | Antibody, Peptide and Data report shipping | 1 week after final payment |

Signature

Name

Date