Mastering Immunity

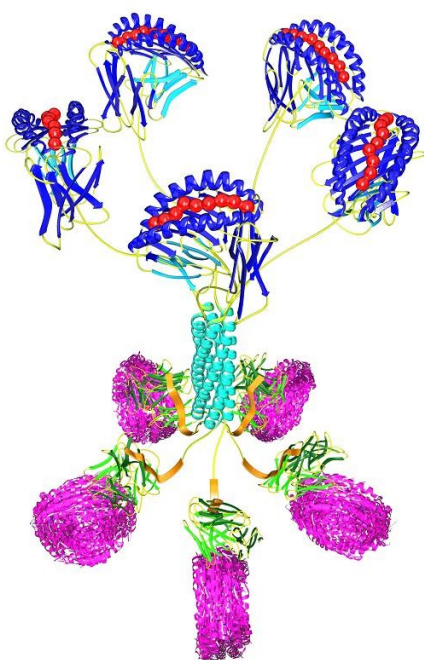### Unrivalled experience and focus on adaptive immunity

Drawing on our core expertise in adaptive immunity for over 10 years, ProImmune brings you a wide range of assay services and reagents for antigen characterization, immunogenicity risk assessment and immune monitoring.

Save time and money with the best new technologies

Our aim is to save you a material amount of time and money, and to minimize the risk associated with carrying out assays in preclinical and clinical studies. Moreover, our products and services are delivered in a straightforward manner, without downstream royalty payments, helping you accelerate your research and making your life less complicated.

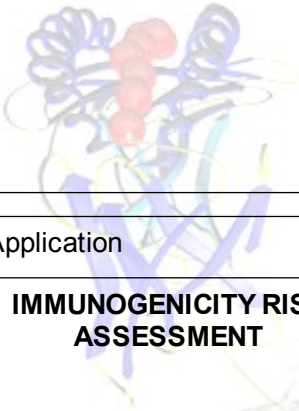### Exceptional customer service and responsiveness

ProImmune's immunology specialists, usually educated to PhD level, regularly contribute to the development of our customers' projects and communicate effectively with you to help drive your research forwards.
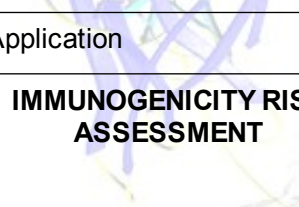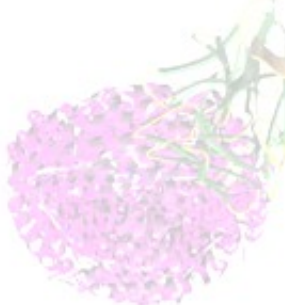

Pro5® MHC Class I Pentamers

ProImmune's Pro5® Pentamer technology represents the largest range of readily available MHC multimers, with products covering many commonly investigated disease areas including cancer, EBV, Influenza, HIV and CMV.

- Consistent, reliable results in flow cytometry applications

- Flexibility of fluorescent labeling (R-PE, APC, biotin)

- Wide range of available complexes

- Custom-made Pro5® Pentamers with your peptide and allele of choice

- Enhanced accuracy of detection

- High avidity

Application	Product/Service	Description
IMMUNE MONITORING	Pro5® MHC Class I Pentamers	Antigen-specific T cell detection and enumeration by client or as a service by ProImmune
	Custom Peptide Libraries	Overlapping custom peptide libraries and premixed peptide pools for cancer and infectious disease antigens
	CD1d Tetramers	Detection and enumeration of NKT cells
	ELISpot Assay Intracellular Cytokine Staining Service	Analysis of antigen-specific CD4$^+$ and CD8$^+$ T cell responses GLP/GCP compliant
	typeHLA	Rapid HLA tissue typing service

Application	Product/Service	Description
IMMUNOGENICITY RISK ASSESSMENT	T Cell Proliferation Assay	Peptide epitope mapping
	Class II HLA-Peptide Binding Assay	Identification of candidate class II CD4$^+$ T cell epitopes
	ProPresent Antigen Presentation Assay	Identification of presented class II CD4$^+$ T cell epitopes
	DC-T Cell Assay	Whole protein antigenicity assessment
	B Cell Epitope Discovery	Linear epitope mapping, with ProArray Ultra™ microarrays for high-throughput

Application	Product/Service	Description
ANTIGEN CHARACTERIZATION AND VACCINE DEVELOPMENT	Class I MHC-Peptide Binding Assay	Identification of candidate class I CD8$^+$ T cell epitopes
	Class II HLA-Peptide Binding Assay	Identification of candidate class II CD4$^+$ T cell epitopes
	ProPresent Antigen Presentation Assay	Identification of presented class II CD4$^+$ T cell epitopes
	Custom Peptide Libraries	Overlapping custom peptide libraries and premixed peptide pools for cancer and infectious disease antigens
	Pro5® MHC Class I Pentamers	Antigen-specific T cell detection and enumeration by client or as a service by ProImmune
	ELISpot Assay Intracellular Cytokine Staining Service	Functional validation of antigens or epitopes GLP/GCP compliant
	typeHLA	Rapid HLA tissue typing service
	DC-T cell Assay	Whole protein antigenicity assessment
	T Cell Proliferation Assay	Peptide epitope mapping
	ProArray Ultra™ Protein and Peptide Microarrays	Flexible format, high-throughput service for antibody characterization, protein interactions and many more applications