



# Creative Proteomics

## Creative Proteomics Services

### Creative Proteomics Services Catalog

Creative Proteomics has evolved into an integrated company that offers a comprehensive range of services in proteomics, metabolomics, glycomics, and bioinformatics analysis. We cater to researchers in the pharmaceutical, biotechnology, agriculture, and nutrition industries, as well as academic and government organizations.

Our commitment to excellence and customer satisfaction sets us apart. We understand the unique challenges faced by our clients and work closely with them to tailor our services to their specific research needs. Whether it's protein profiling, metabolite identification, glycan analysis, or data interpretation, our expertise and dedication ensure that our clients receive the highest quality support and insights.

At Creative Proteomics, we embrace innovation and stay at the forefront of technological advancements in the life sciences. We continuously invest in research and development to expand our service offerings and stay ahead of emerging trends. Our goal is to empower researchers with the tools and knowledge they need to make significant contributions to their respective fields.

### Proteomics Services

#### 01 Protein Identification

- Protein gel band/mixed Solution identification
- N-termini sequencing
- C-termini sequencing
- Protein sequencing by mass spectrometry (MALDI TOF-TOF, LC/MS/MS)

#### 03 Modification Proteomics

- Disulfide bond proteomics
- Glycosylation proteomics
- Phosphoproteomics
- Ubiquitinated proteomics
- S-Nitrosylation proteomics
- Methyl-proteomics
- Acetyl-proteomics
- SUMOylation proteomics

#### 02 Quantitative Proteomics

- Labeled quantitative
  - TMT/iTRAQ
  - SILAC
- Label-free quantitative
  - Label free proteomics (DDA mode)
  - Label-free proteomics (DIA mode)
- PRM targeted quantification

#### 04 Protein Interaction Analysis

- Co-immunoprecipitation (co-IP)
- Crosslinking protein interaction analysis
- Far-western blot analysis
- Pull-down assay
- Label transfer protein interaction analysis

### Metabolomics Services

#### 01 Untargeted Metabolomics

- Plasma & Serum
- Feces
- Tissue (Plant/Animal)
- Cerebrospinal Fluid
- Urine

#### 02 Targeted Metabolomics

- Glycolysis Pathway
- Central Carbon Metabolism
- Methionine Cycle
- Urea cycle Metabolism
- Carbohydrate Metabolites
- TMAO Metabolites
- TCA Cycle
- One-Carbon Metabolism
- Pentose Phosphate Pathway
- Carnitine Biosynthesis
- Inorganic Compounds
- Carotenoids
- Alkaloids
- Amino Acids
- Animal hormones
- Anthocyanins
- Bile acids
- Lignans
- Fatty acids
- Flavanone
- Flavanonol
- Flavones
- Flavonol
- Vitamins
- Neurotransmitters
- Organic acids
- Plant Hormone
- Saponins
- Terpenoids

#### 03 Metabolic Flux Analysis (MFA)

