

# Make research easy for a better tomorrow



CUSTOM PROTEIN SYNTHESIS

# Let us telling something ABOUT US

X'PROCHEM is a biotech company with proprietary chemical technology platform, which helps its bio-pharma partners create proteins specific to their needs in a safe, precise and automated process.

Created in 2012 at the Institut Pasteur, X'PROCHEM has become an expert in complex custom proteins synthesis bypassing the limitations of classical recombinant methods.

By using our innovative robotic technology, we can synthesize the proteins desired by scientists up to 400 amino acids (40 kD) to develop biopharms products.

## MISSION



With our service, we support scientists to accelerate their therapeutic, vaccine and diagnostic projects.

## VISION



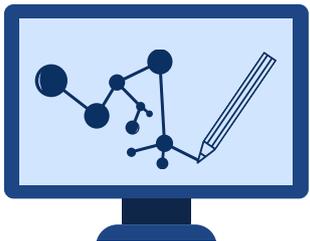
Making today's and tomorrow's biopharms products optimal and more accessible for preclinical and clinical use.

What we can do for you

# OUR SERVICE

We provide a **Custom Protein Synthesis** Service, using a chemical method that synthesises proteins amino acid by amino acid and making modifications on an atomic-scale. We work closely with our partners in designing, customising and optimising the proteins adapted to their project.

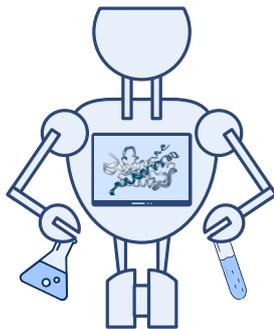
## 1 Design



### PROTEIN ON-DEMAND

We design the desired protein for our partners (Fusion, cyclic, glycosylated, specific modifications...).

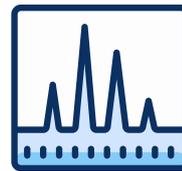
## 2 Protein synthesis



### AUTOMATED SYNTHESIS

We synthesise amino acid the protein by our innovative and automated technology.

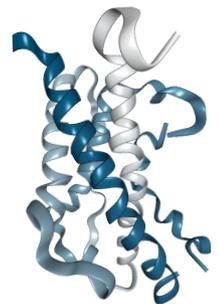
## 3 Purification



### DIFFERENT STAGES OF PURIFICATION

We purify the protein many times during the synthesis stages.

## 4 Folding



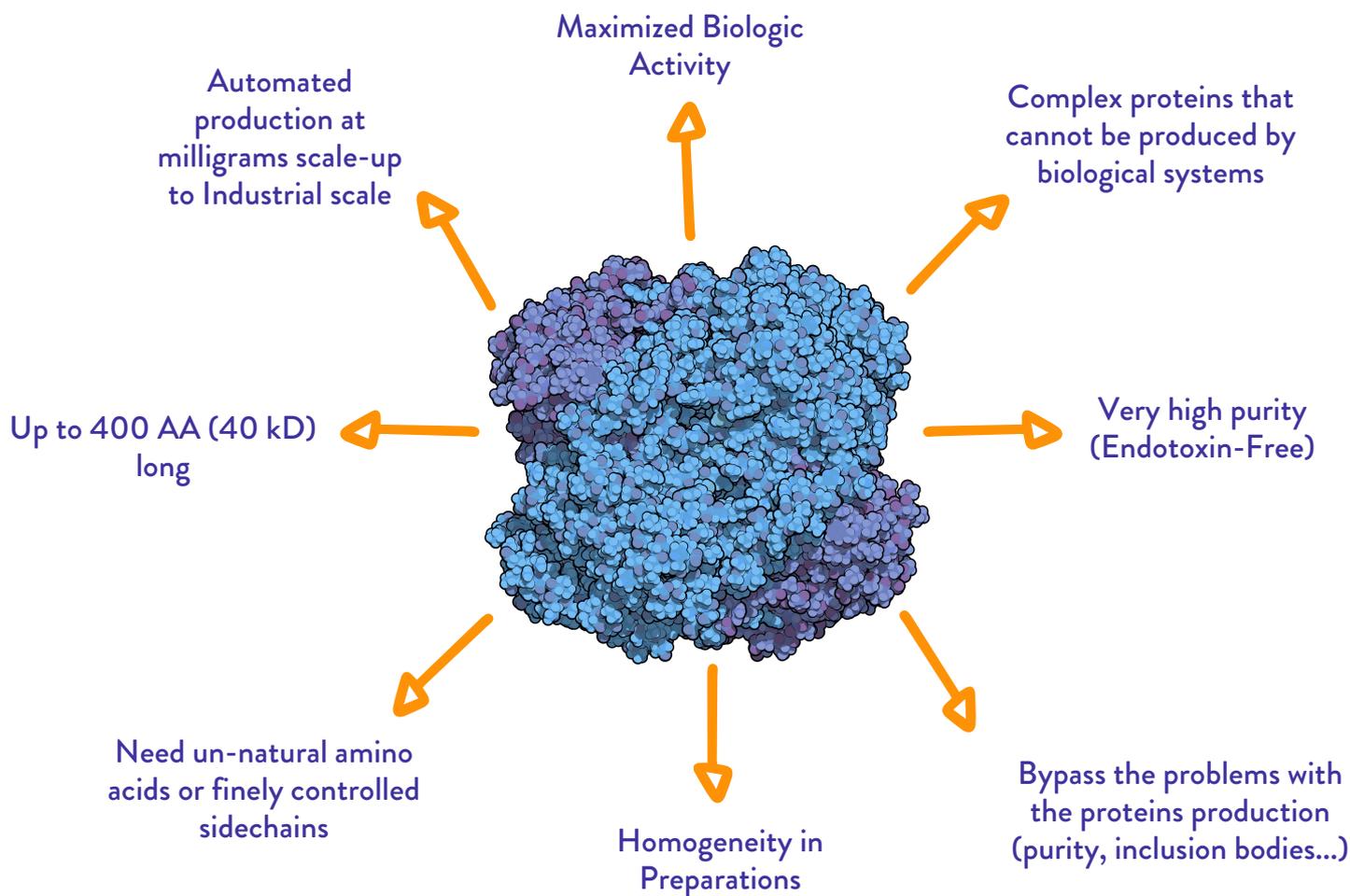
### MAXIMIZATION OF BIOLOGICAL ACTIVITY

We proceed to a folding step to make a protein biologically active.

Why choose us

# OUR PROTEINS

You encounter problems with the production of your proteins? You need to produce a protein with specific modifications? You want an optimal protein chemically synthesized in vitro? Choose the X'PROCHEM solution !





**X'PROCHEM**

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