SIGNALCHEM BIOTECH

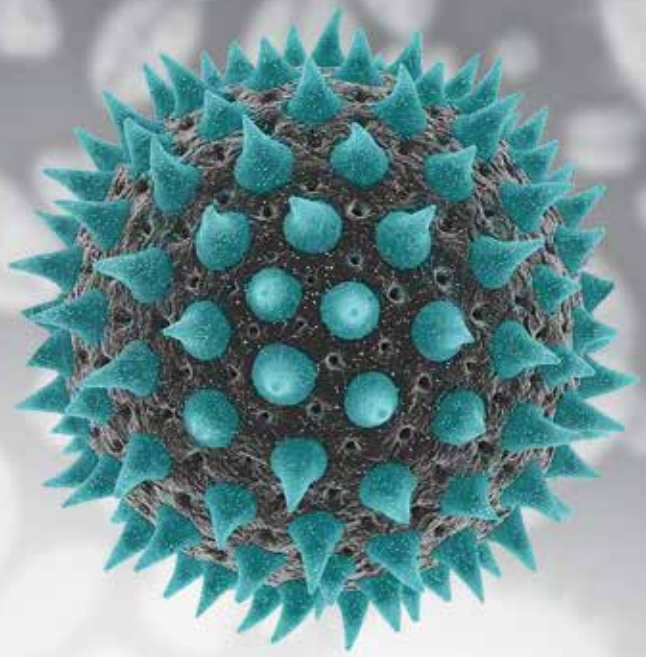
2021

Allergens Products

ALLERGENS

Signaling You To The Right Path

SignalChem Biotech is a Canadian company focused on the research, development and production of innovative and high-quality human recombinant signaling enzymes. We especially focus in highly active protein kinases, disease-related mutant kinases, lipid kinases, epigenetic enzymes, ubiquitination-related enzymes and neurodegenerative disease-related enzymes and proteins. SignalChem strives to support scientists in academia, pharma and biotech companies around the world by creating effective research tools to advance the basic research in life sciences and to facilitate the efforts in drug discovery and development.



What We Are Good At

Our scientists manufacture active enzymes and develop novel assays following strict QC/QA standards using our state of the art manufacturing facility.

In House Manufacturing

Superior Quality

Exceptional Team

Catalog No: CF01-A951H

Can f 1

Recombinant full-length Canis familiaris major allergen Can f 1 was expressed in E. coli using a C-terminal His tag.

Full length recombinant protein

Source *Canis familiaris*

Expression system E.coli

Technical Features

90%

Purity Approx. 90% using densitometry

Aliases Major allergen Can f 1, Allergen Dog 1

Molecular weight ~20 kDa

Catalog No: CF03-A951H

Can f 3

Recombinant full-length Canis familiaris major allergen Can f 3 was expressed in E.coli using a C-terminal His tag.

Full length recombinant protein

Source *Canis familiaris*

Tag C terminal His-tag

Applications

R&D of novel Immunoglobulin ELISA kits

Recombinant Antibody Production

Allergy research and diagnostic research

Catalog No: DF01-A941H

Der f 1

Recombinant full-length Dermatophagoides farinae allergen Der f 1 was expressed in E coli using a C-terminal His tag.

Source *Dermatophagoides farinae*

Expression system E.coli

Tag C terminal His-tag

Technical Features

Molecular weight Approx. 36 kDa

Aliases Der f 1 allergen

Purification using affinity chromatography

Catalog No: FD01-A951H

Fel d 1

Recombinant full-length Felis catus allergen Fel d 1 was expressed in E. coli using a C-terminal His tag.

Source
Felis catus

Tag
C terminal His-tag

Expression system
E.coli

Technical Features

Purity Approx.
90% using densitometry

Molecular weight
~28 kDa

Purification using
affinity chromatography

Catalog No: MN03-A921H

Man i 3

Recombinant full-length Mangifera indica allergen Man i 3 was expressed in Tobacco using a C-terminal His tag.

Source
Mangifera indica

Expression system
Tobacco

Tag
C terminal His-tag

Technical Features

Unique product to
SignalChem

Molecular weight
Approx. 19 kDa

Aliases
Profilin 1

Catalog No: DP21-A941H

Der p 21

Recombinant full-length Dermatophagoides pteronyssinus Der p 21 was expressed in E. coli using a C-terminal His tag.

Full length recombinant protein

Source *Dermatophagoides pteronyssinus*

Expression system E.coli

Catalog No: DP02-A941H

Der p 2

Recombinant full-length Dermatophagoides pteronyssinus Der p 2 was expressed in E. Coli using a C-terminal His tag.

Source *Dermatophagoides farinae*

Expression system E.coli

Tag C terminal His-tag

Applications

R&D of novel D iagnostic tests

Recombinant Antibody Production

R&D of allergy thera-pies, formulations and vaccines

Technical Features

Molecular weight Approx. 15 kDa

Purity Approx.90% using densitometry

Purification using affinity chromatography

Catalog No: AA01-A921H

Amb a 1

Recombinant full-length Ambrosia artemisiifolia allergen Amb a 1 was expressed in Tobacco using a C-terminal His tag.

Full Length recombinant protein

Source *Ambrosia artemisiifolia*

Expression system Tobacco plant

Catalog No: AF03-A931H

Asp f 3

Recombinant full-length Aspergillus fumigatus Asp f 3 was expressed in E. Coli using a C-terminal His tag.

Expression system E.coli

Source *Aspergillus fumigatus*

Tag C terminal His-tag

Applications

R&D of novel Immunoglobulin ELISA kits

Recombinant Antibody Production

Allergy research and diagnostic research

Technical Features

Molecular weight ~20 kDa

Purification using affinity chromatography

Aliase Peroxiredoxin Asp f3, Prx, Thioredoxin peroxidase, TPx

Catalog No: AV01-A921H

Art v 1

Recombinant full-length Artemisia vulgaris major pollen allergen Art v 1 was expressed in Tobacco using a C-terminal His tag.

Expression system
Tobacco plant

Source
Artemisia vulgaris

Tag
C terminal His-tag

Technical Features

Purification using affinity chromatography

85%

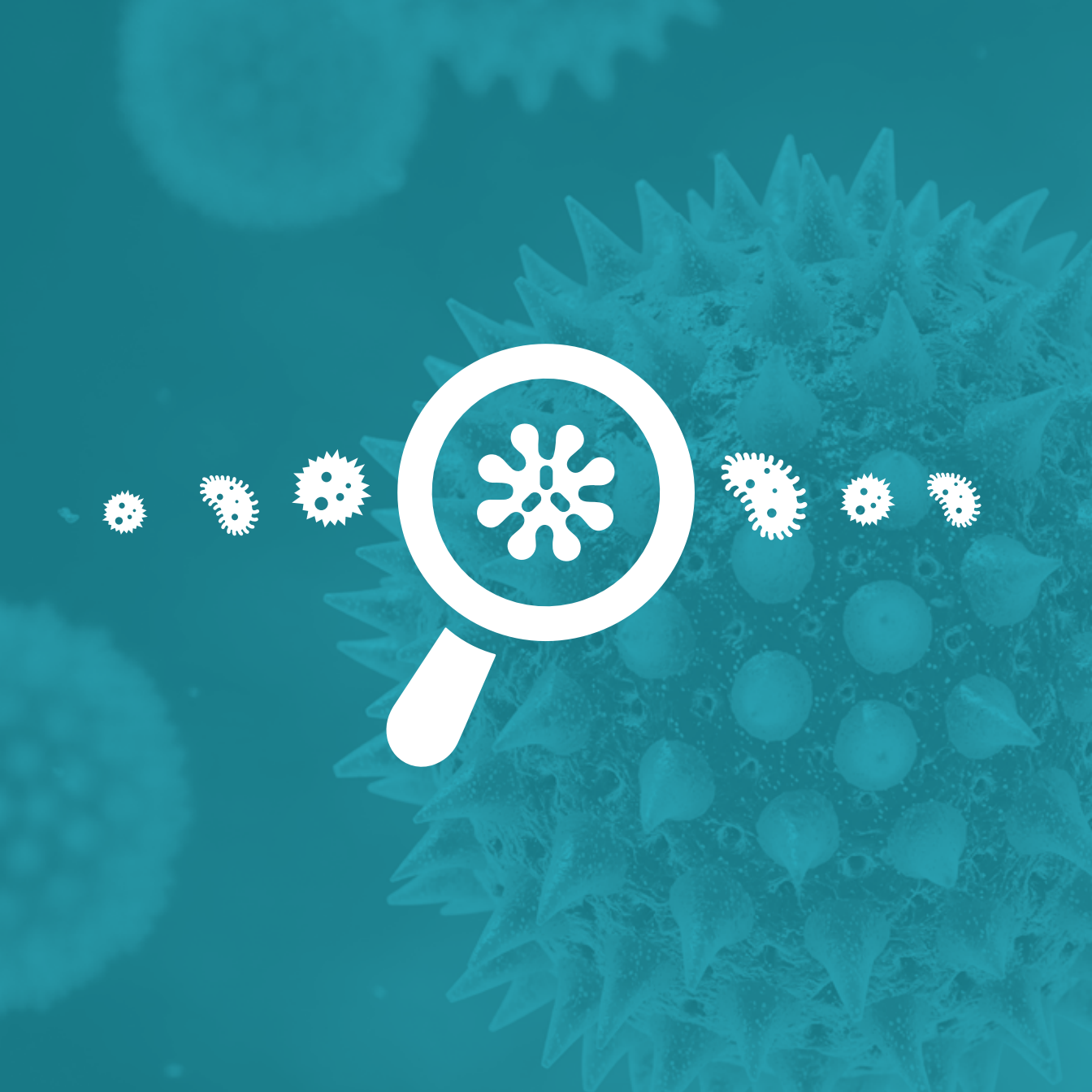
Purity Approx. 85% using densitometry

Molecular weight ~20 kDa

MORE
ALLERGEN PRODUCTS AVAILABLE
FOR YOUR **RESEARCH**

VISIT US AT
SIGNALCHEM.COM
AND EXPERIENCE
THE **POWER** OF
WORKING TOGETHER

info@signalchem.com
www.signalchem.com



info@signalchem.com
www.signalchem.com

SignalChem Biotech Inc.

1.866.954.6273
Richmond BC, Canada
www.signalchem.com