

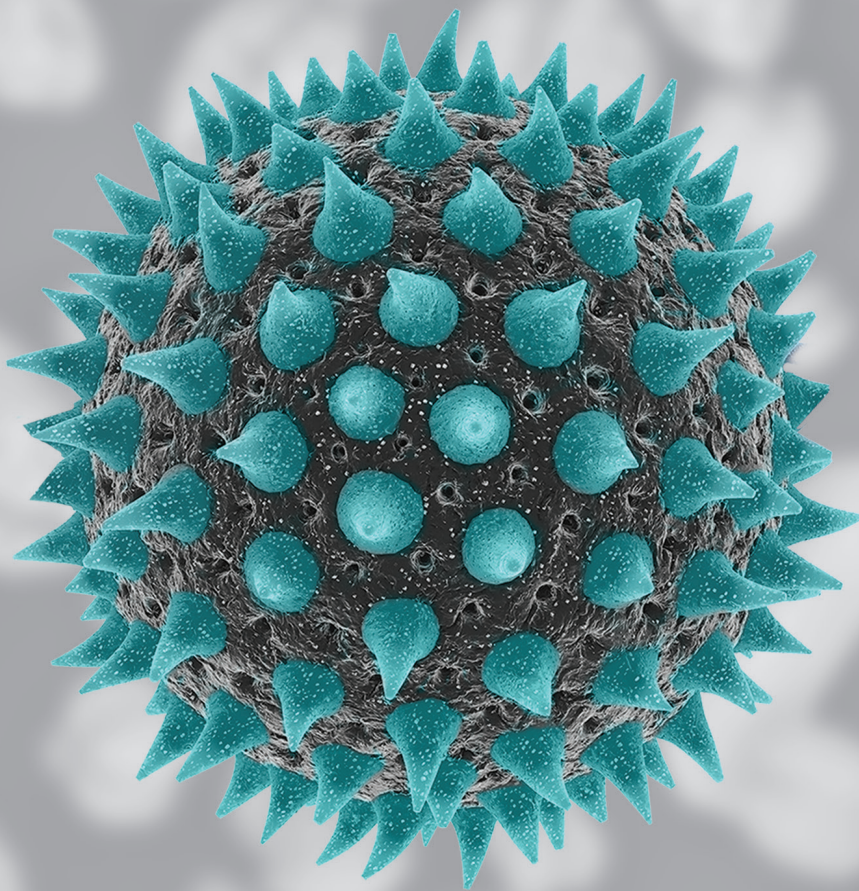
ALLERGEN

Mini-Catalog

ALLERGEN

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

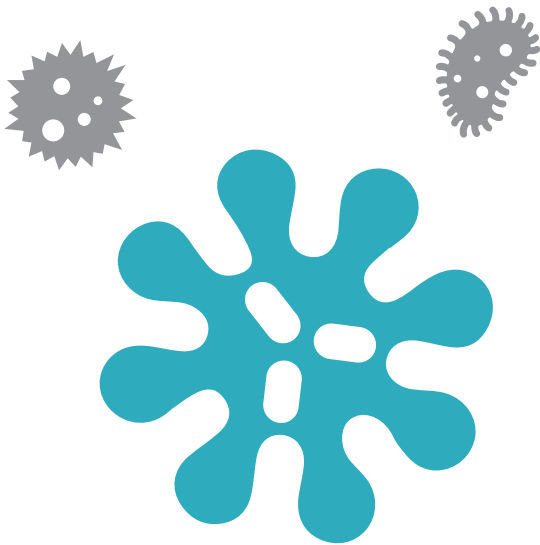
Our scientists manufacture active enzymes and novel assays following strict QC/QA standards using our state of the art manufacturing facility.



In House Manufacturing

Superior Quality

Exceptional Team



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



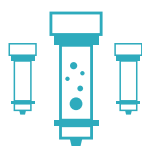
Expression
system
E. coli



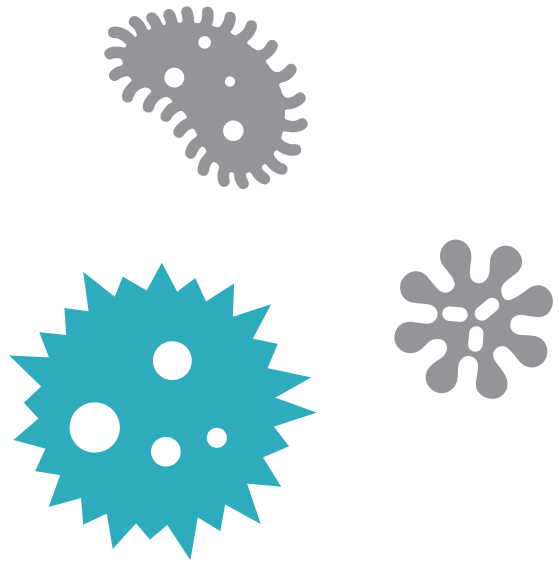
Purity Approx.
90% using
densitometry



Molecular weight
~28 kDa



Purification
using affinity
chromatography



Catalog No: FMN03-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



Unique product to
SignalChem



Molecular weight
Approx. 19 kDa



Aliases
Profilin 1

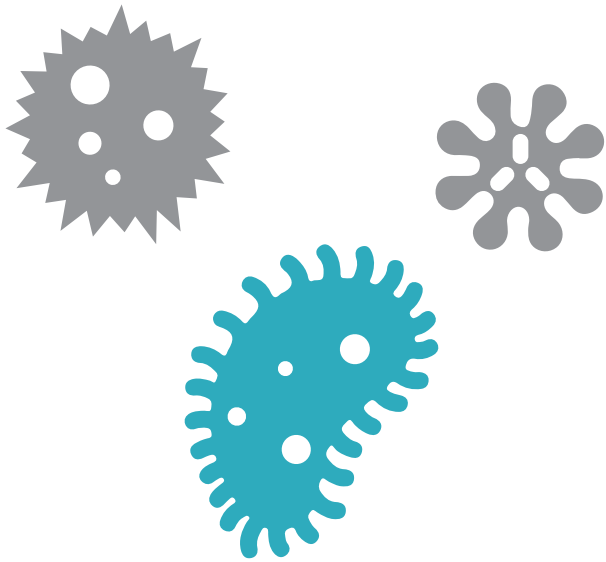
Available Pack Sizes

*For all Products (unless specified)



From as small as 5ug to Bulk order
Inquire within for specific pricing.

*Illustrations do not represent the actual structure of the product.



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



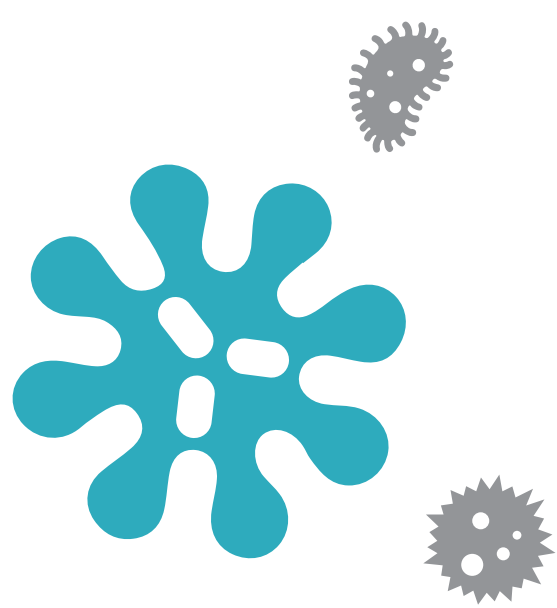
R&D of novel
Diagnostic tests



Recombinant
Antibody
Production



R&D of allergy
therapies,
formulations
and vaccines



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



Molecular weight
Approx. 15 kDa



Purity
Approx.90%
using
densitometry



Purification
using affinity
chromatography

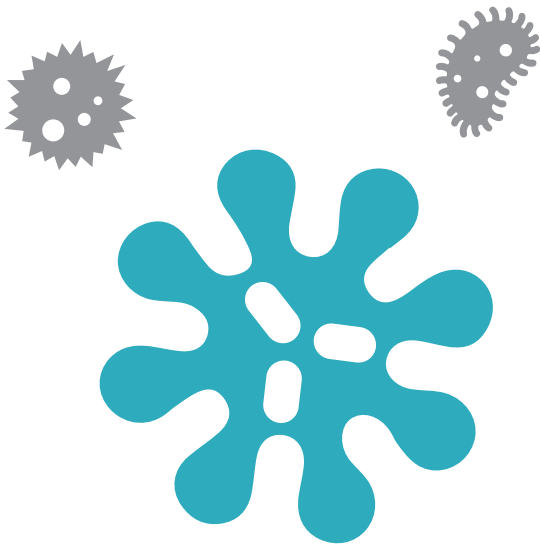
Available Pack Sizes

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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



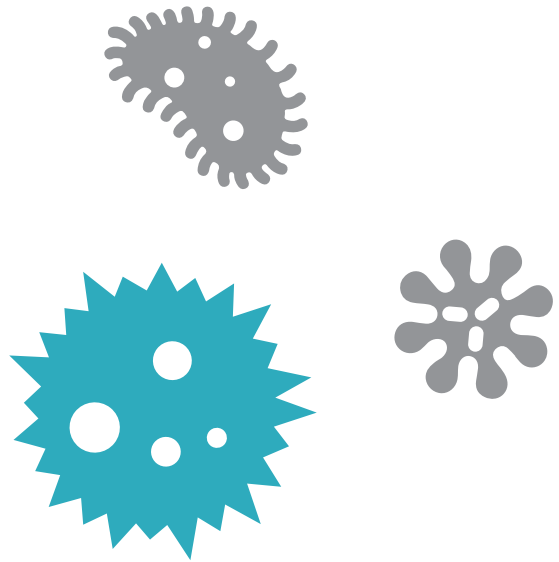
R&D of novel
Immunoglobulin
ELISA kits



Recombinant
Antibody
Production



Allergy research
and diagnostic
research



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



Molecular weight
~20 kDa



Purification
using affinity
chromatography



Alias
Peroxiredoxin
Asp f3, Prx,
Thioredoxin
peroxidase, TPx

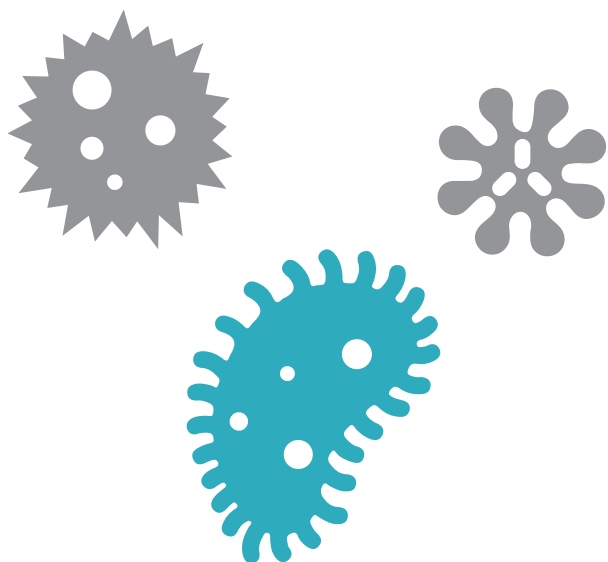
Available Pack Sizes

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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



Purification
using affinity
chromatography



Purity Approx.
85% using
densitometry



Molecular
weight
~20 kDa

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SignalChem understands the unique needs of scientists and researchers all over the world. To best serve those unique needs, we offer Custom Services. With our Custom Services, you can customize any product as per your requirement, expect lot-to-lot consistency and get it delivered in a competitive lead time.

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