

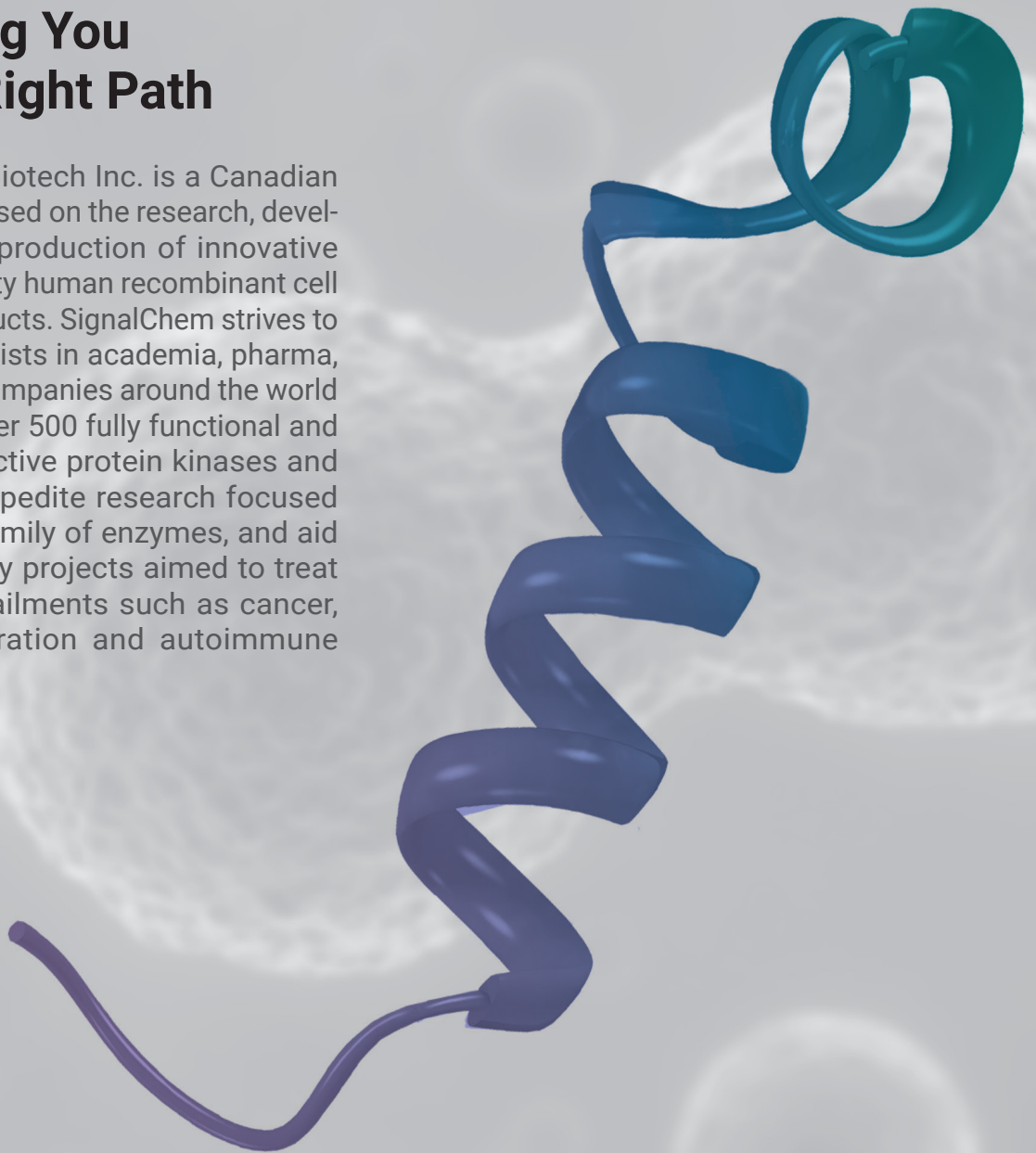
# KINASE

Mini-Catalog |

# KINASES PROTEINS

## Signaling You to The Right Path

SignalChem Biotech Inc. is a Canadian company focused on the research, development, and production of innovative and high-quality human recombinant cell signaling products. SignalChem strives to support scientists in academia, pharma, and biotech companies around the world by creating over 500 fully functional and biologically active protein kinases and variants to expedite research focused around this family of enzymes, and aid drug discovery projects aimed to treat fatal human ailments such as cancer, neurodegeneration and autoimmune diseases.





## **What We Are Good At**

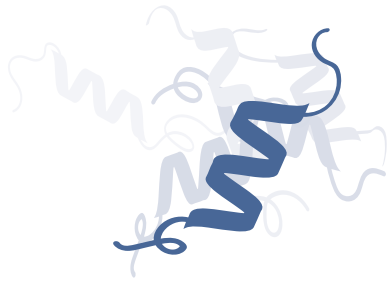
Our scientists manufacture active enzymes and novel assays following strict QC/QA standards using our state of the art manufacturing facility.



**In House Manufacturing**

**Superior Quality**

**Exceptional Team**



Catalog No: B08-11G

### **BRAF, Active**

Recombinant human BRAF (416-766) was expressed by baculovirus in Sf9 insect cells using a N-terminal GST tag.



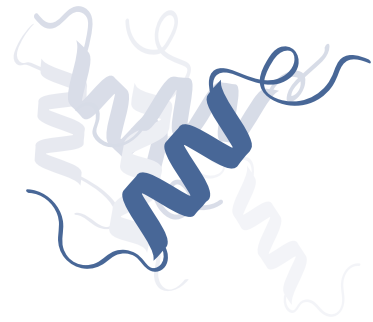
Effective Kinase  
research tool



Activity  
determined  
using 2 assays



QA/QC  
scrutinized



Catalog No: M02-10G

### **MEK1, Active**

Recombinant full-length human MEK1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.



Suitable for  
Kinase research



Average purity  
determined to be  
90%



Highly active  
kinase



Catalog No: N20-10G

### **NUAK2, Active**

Recombinant full-length human NUA2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.



QC/QA tested



Effective for  
Kinase activity &  
inhibition studies



Activity determined  
by radiometric &  
activity assay



Catalog No: S19-18G

### **SRC, Active**

Recombinant full-length human SRC was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.



Biochemical  
tool for  
Kinase research



Tested by two  
activity assays



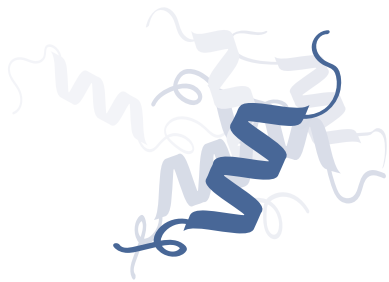
Purity determined  
Approx. 90%

## **Available Pack Sizes**

\*For all Products (unless specified)



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



Catalog No: B10-10H

### **BTK, Active**

Recombinant full-length human BTK was expressed by baculovirus in Sf9 insect cells using a N-terminal His tag.



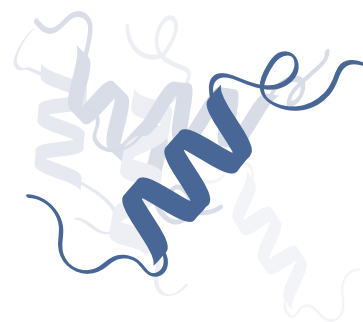
Suitable for  
Kinase research



Average purity  
determined to be  
90%



Highly active  
kinase



Catalog No: E11-11G

### **EIF2AK3, Active**

Recombinant human EIF2AK3 (563-1115) was expressed in E. coli cells using an N-terminal GST tag.



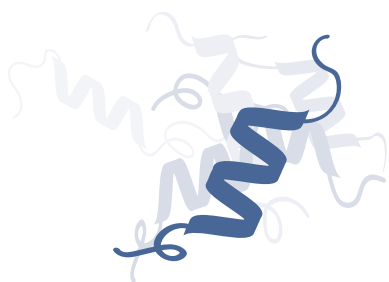
Suitable for  
compound  
profiling studies



Activity  
determined using  
two different  
assays



Purity  
Determined by  
densitometry



Catalog No: M23-11G

### **HPK1, Active**

Recombinant human HPK1 (1-346) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.



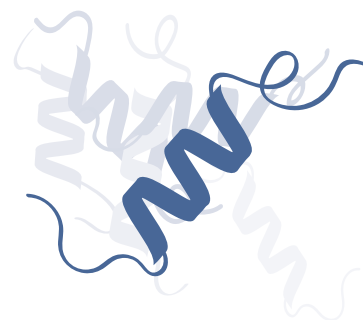
Perfect candidate  
for Kinase research



Specific activity  
determined using  
2 assay systems



Purity  
Determined by  
densitometry



Catalog No: G09-10H

### **GSK3 beta, Active**

Recombinant full-length human GSK3 beta was expressed by baculovirus in Sf9 insect cells using an N-terminal His tag.



Activity  
determined  
using two assays



QC/QA tested  
for superior  
quality



Highly active kinase

## **Available Pack Sizes**

\*For all Products (unless specified)



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





Catalog No: R07-10G

### **RIPK1, Active**

Full-length recombinant human RIPK1 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.



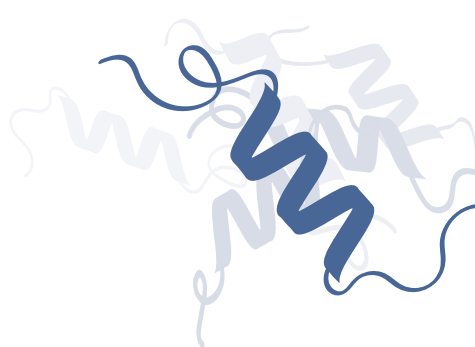
Unique product to  
Signalchem



Activity determined  
by radiometric &  
activity assay



Effective for  
Kinase activity &  
inhibition studies



Catalog No: M28-10G

### **ERK2, Active**

Recombinant full-length human ERK2 was expressed by E. coli cells using an N-terminal GST tag and activated by MEK1 in vitro.



Activity  
determined  
using two assays



QC/QA tested  
for superior  
quality



Highly active  
kinase



Catalog No: M25-11G

### **GLK, Active**

Recombinant human GLK (1-380) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.



Suitable for  
compound profiling  
studies



Average Specific  
activity  
95 nmol/min/mg



Purity Determined by  
densitometry

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## **Available Pack Sizes**

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