

# Serine/threonine-protein kinase SRK2H (SRK2H), Recombinant Protein

Cat RP05148

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg  
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Arabidopsis thaliana (Mouse-ear cress)  
Cell)

## Species

## Full Product Name

Recombinant Arabidopsis thaliana Serine/threonine-protein kinase SRK2H (SRK2H)

## Product Gene Name

SRK2H recombinant protein

## Product Synonym Gene Name

SRK2H

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

MDKYEVVKDL GAGNFGVARL LRHKETKELV AMKYIERGRK IDENVAREII NHRSLRHPNI IRFKEVILTP  
THLAIVMEYA SGGELFERIC NAGRFSEAEA RYFFQQLICG VDYCHSLQIC HRDLKLENTL LDGSPAPLLK  
ICDFGYSKSS LLHSRPKSTV GTPAYIAPEV LSRREYDGKH ADVWSCGVTL YVMLVGGYPF EDPDDPRNFR  
KTIQRIMAVQ YKIPDYVHIS QECRHLLSRI FVTNSAKRIT LKEIKKHPWY LKNLPKELTE PAQAAYYKRE  
TPSFSLSQSV DIMKIVGEAR NPAPSSNAVK GFDDDEEDVE DEVEEEEEEEE EEEEEEEEE EDEYEKHVKE  
AHSCQEPPKA

## Sequence Positions

1-360, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

41,554 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.  
Repeated freezing and thawing is not recommended.

## Protein Family

Serine/threonine-protein kinase

## NCBI Accession #

NP\_201170.1

## NCBI GI #

15242858

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Cat      *RP05148*

Size      0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg  
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Cell)

## NCBI GenBank Nucleotide #

NM\_125760.2

## NCBI GeneID

836485

## NCBI Official Full Name

SNF1-related protein kinase 2.5

## NCBI Official Symbol

SNRK2.5

## NCBI Official Synonym Symbols

MBK5.13; MBK5\_13; SNF1-related protein kinase 2.5; SNF1-RELATED PROTEIN KINASE 2H; SNRK2-5;  
SRK2H

## NCBI Protein Information

SNF1-related protein kinase 2.5

## NCBI Summary

encodes a member of SNF1-related protein kinases (SnRK2) whose activity is activated by ionic (salt) and non-ionic (mannitol) osmotic stress.

## UniProt Gene Name

SRK2H

## UniProt Synonym Gene Names

OSKL9; SNRK2.5; SnRK2.5

## UniProt Protein Name

Serine/threonine-protein kinase SRK2H

## UniProt Synonym Protein Names

OST1-kinase-like 9; SNF1-related kinase 2.5; SnRK2.5

## UniProt Primary Accession #

Q9FFP9

## UniProt Secondary Accession #

Q0WT36; Q8LA99

## UniProt Related Accession #

Q9FFP9

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