

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

Species 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)

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 GAGNFGVRL LRHKETKELV AMKYIERGRK IDENVAREII NHRSLRHPNI IRFKEVILTP
THLAIVMEYA SGGEFLERIC NAGRFSEAEA RYFFQQQLICG VDYCHSLQIC HRDLKLENTL LDGSPAPLLK
ICDFGYSKSS LLHSRPKSTV GTPAYIAPEV LSRREYDGKH ADVWSCGVTL YVMLVGGYPF EDPDDPRNFR
KTIQRIMAVQ YKIPDYVHIS QECRHLLSRI FVTNSAKRIT LKEIKKHPWY LKNLPKELTE PAQAAYYKRE
TPSFSLQSVE DIMKIVGEAR NPAPSSNAVK GFDDDEEDVE DEVEEEEEEE EEEEEEEEEE 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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NCBI GenBank Nucleotide #
NM_125760.2

NCBI GenID

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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