

Serine/threonine-protein kinase SAPK7 (SAPK7), Recombinant Protein

Cat RP12303

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-
Oryza sativa subsp. japonica (Rice)
Cell)

Species

Full Product Name

Recombinant Oryza sativa subsp. japonica Serine/threonine-protein kinase SAPK7 (SAPK7)

Product Gene Name

SAPK7 recombinant protein

Product Synonym Gene Name

SAPK7

Purity

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

Sequence

MERYELLKDI GAGNFGVARL MRNKETKELV AMKYIPRGLK IDENVAREII NHRSLRHPNI IRFKEVVVTP
THLAIVMEYA AGGELFDRIC NAGRFSEDEA RYFFQQLICG VSYCHFMIQIC HRDLKLENTL LDGSPAPRLK
ICDFGYSKSS LLHSPKSTV GTPAYIAPEV LSRREYDGKT ADVWSCGVTL YVMLVGAYPF EDPDDPKNFR
KTIGRIMSIQ YKIPEYVHVS QDCRQLLSRI FVANPAKRIT IREIRNHPWF LKNLPRELTE AAQAMYYKKD
NSAPTYSVQS VEEIMKIVVEE ARTPPRSSTP VAGFGWQEED EQEDNSKKPE EEQEEEEEDAE DEYDKQVKQV
HASGEFQLS

Sequence Positions

1-359, 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

41,325 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

XP_015636932.1

NCBI GI

1002265202

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Serine/threonine-protein kinase SAPK7 (SAPK7), Recombinant Protein

Cat *RP12303*

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

XM_015781446.1

NCBI GeneID

4335877

NCBI Official Full Name

serine/threonine-protein kinase SAPK7

NCBI Official Symbol

LOC4335877

NCBI Official Synonym Symbols

RK4; SAPK7; OsJ_14855

NCBI Protein Information

serine/threonine-protein kinase SAPK7

UniProt Gene Name

SAPK7

UniProt Synonym Gene Names

RK4; OsSAPK7

UniProt Protein Name

Serine/threonine-protein kinase SAPK7

UniProt Synonym Protein Names

Osmotic stress/abscisic acid-activated protein kinase 7; RK4 kinase

UniProt Primary Accession

Q7XQP4

UniProt Secondary Accession

Q0JD46; Q7XQP3; A0A0U1T2M5

UniProt Related Accession

Q7XQP4

UniProt Comments

May play a role in signal transduction of hyperosmotic response.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY