

p16-INK4A-S7 Phospho Peptide
Synthetic Peptide
Catalog # SP2004a

Specification

p16-INK4A-S7 Phospho Peptide - Product Information

Primary Accession [P42771](#)
Sequence **CMEPAAG(pS)SMEPSAD**

p16-INK4A-S7 Phospho Peptide - Additional Information

Gene ID 1029

Other Names

Cyclin-dependent kinase inhibitor 2A, isoforms 1/2/3, Cyclin-dependent kinase 4 inhibitor A, CDK4I, Multiple tumor suppressor 1, MTS-1, p16-INK4a, p16-INK4, p16INK4A, CDKN2A, CDKN2, MTS1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

p16-INK4A-S7 Phospho Peptide - Protein Information

Name CDKN2A ([HGNC:1787](#))

Synonyms CDKN2, MTS1

Function

Acts as a negative regulator of the proliferation of normal cells by interacting strongly with CDK4 and CDK6. This inhibits their ability to interact with cyclins D and to phosphorylate the retinoblastoma protein.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Widely expressed but not detected in brain or skeletal muscle. Isoform 3 is pancreas-specific

p16-INK4A-S7 Phospho Peptide - Images