

**p16-INK4A-S152 Non-phospho Control Peptide**  
**Synthetic Peptide**  
**Catalog # SP2007c**

**Specification**

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**p16-INK4A-S152 Non-phospho Control Peptide - Product Information**

Primary Accession  
Sequence

[P42771](#)  
**CIDAAEGPSDIPD**

**p16-INK4A-S152 Non-phospho Control 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-S152 Non-phospho Control 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-S152 Non-phospho Control Peptide - Images**