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Myt1-T495 Non-phospho Control Peptide
Synthetic Peptide
Catalog # SP2064c

Specification

Myt1-T495 Non-phospho Control Peptide - Product Information

Primary Accession	Q99640
Sequence	**LLSLFEDTLDPTC**

Myt1-T495 Non-phospho Control Peptide - Additional Information

Gene ID 9088

Other Names
Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase, Myt1 kinase, PKMYT1, MYT1

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.

Myt1-T495 Non-phospho Control Peptide - Protein Information

Name PKMYT1

Synonyms MYT1

Function
Acts as a negative regulator of entry into mitosis (G2 to M transition) by phosphorylation of the CDK1 kinase specifically when CDK1 is complexed to cyclins. Mediates phosphorylation of CDK1 predominantly on 'Thr-14'. Also involved in Golgi fragmentation. May be involved in phosphorylation of CDK1 on 'Tyr-15' to a lesser degree, however tyrosine kinase activity is unclear and may be indirect. May be a downstream target of Notch signaling pathway during eye development.

Cellular Location
Endoplasmic reticulum membrane; Peripheral membrane protein. Golgi apparatus membrane; Peripheral membrane protein

Myt1-T495 Non-phospho Control Peptide - Images