

P34cdc2 Kinase Substrate Peptide

Cat. No.:	HY-P3904
CAS No.:	135546-44-0
Molecular Formula:	C ₁₀₆ H ₁₇₂ N ₃₂ O ₃₂
Molecular Weight:	2406.7
Sequence Shortening:	ADAQHATPPKKKRVKVEDPKDF
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	P34cdc2 Kinase Substrate Peptide is a synthetic peptide substrates for P34 ^{cdc2} kinase, with a K _m of 74 μM for the purified human enzyme. P34cdc2 Kinase Substrate Peptide can be used in a rapid assay of P34 ^{cdc2} phosphorylation in vitro. P34 ^{cdc2} , a protein serine/threonine kinase, is a cell division cycle-regulated protein kinase ^[1] .
In Vivo	K _m : 74 μM (P34 ^{cdc2} kinase) ^[1] MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Marshak DR, Vandenberg MT, Bae YS, Yu IJ. Characterization of synthetic peptide substrates for p34cdc2 protein kinase. J Cell Biochem. 1991 Apr;45(4):391-400.

Caution: Product has not been fully validated for medical applications. For research use only.

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